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U. S. DEPARTMENT OF AGRICULTURE. LIBRARY—BULLETIN No. 46.

JOSEPHINE A. CLARK, LIBRARIAN.

ACCESSIONS

TO THE

DEPARTMENT LIBRARY.

JANUARY-MARCH, 1903.



WASHINGTON:
GOVERNMENT PRINTING OFFICE (1903.

PUBLICATIONS OF THE LIBRARY OF THE DEPARTMENT OF AGRICULTURE.

BULLETINS.

- No. 1. Accessions to the Department Library [January-March], 1894.
 - 2. Periodicals and society publications currently received at the Department Library. 1894.
 - 3. Accessions to the Department Library, April-June, 1894.
 - 4. Accessions to the Department Library, July-October, 1894.
 - 5. Accessions to the Department Library, November-December, 1894.
 - 6. Accessions to the Department Library, January-March, 1895.
 - 7. Accessions to the Department Library, April-June, 1895.
 - 8. Accessions to the Department Library, July-September, 1895.
 - 9. List of publications of the U. S. Department of Agriculture from 1841 to June 30, 1895, inclusive. 1896.
 - 10. Accessions to the Department Library, October-December, 1895.
 - 11. Accessions to the Department Library, January-March, 1896.
 - 12. Accessions to the Department Library, April-June, 1896.
 - 13. Accessions to the Department Library, July-September, 1896.
 - 14. Accessions to the Department Library, October-December, 1896.
 - 15. Accessions to the Department Library, January-March, 1897.
 - 16. References to the literature of the sugar beet, exclusive of works in foreign languages; compiled by Claribel R. Barnett. 1897.
 - 17. Accessions to the Department Library, April-June, 1897.
 - 18. Bibliography of poultry; compiled by Emma B. Hawks. 1897.
 - 19. Accessions to the Department Library, July-September, 1897.
 - 20. Reference list of publications relating to edible and poisonous mushrooms; compiled by Josephine A. Clark. 1898.
 - 21. Accessions to the Department Library, October-December, 1897.
 - 22. Accessions to the Department Library, January-March, 1898.
 - 23. Accessions to the Department Library, April-June, 1898.
 - 24. List of publications relating to forestry in the Department Library. 1898.
 - 25. Accessions to the Department Library, July-September, 1898.
 - 26. Accessions to the Department Library, October-December, 1898.
 - 27. Accessions to the Department Library, January-March, 1899.
 - 28. Accessions to the Department Library, April-June, 1899.
 - 29. Accessions to the Department Library, July-September, 1899.
 - 30. Accessions to the Department Library, October-December, 1899.
 - 31. Accessions to the Department Library, January-March, 1900.
 - 32. Accessions to the Department Library, April-June, 1900.
 - 33. Accessions to the Department Library, July-September, 1900.
 - 34. Accessions to the Department Library, October-December, 1900.
 - 35. Accessions to the Department Library, January-March, 1901.
 - 36. Accessions to the Department Library, April-June, 1901.
 - 37. Catalogue of the periodicals and other serial publications (exclusive of U. S. Government publications) in the Library of the U. S. Department of Agriculture; prepared under the direction of Josephine A. Clark, Librarian. 1901.
 - 38. Accessions to the Department Library, July-September, 1901.
 - 39. Accessions to the Department Library, October-December, 1901.
 - 40. Accessions to the Department Library, January-March, 1902.
 - 41. List of references to publications relating to irrigation and land drainage; compiled by Ellen A. Hedrick. 1902.

U. S. DEPARTMENT OF AGRICULTURE. LIBRARY-BULLETIN No. 46.

JOSEPHINE A. CLARK, LIBRARIAN,

ACCESSIONS

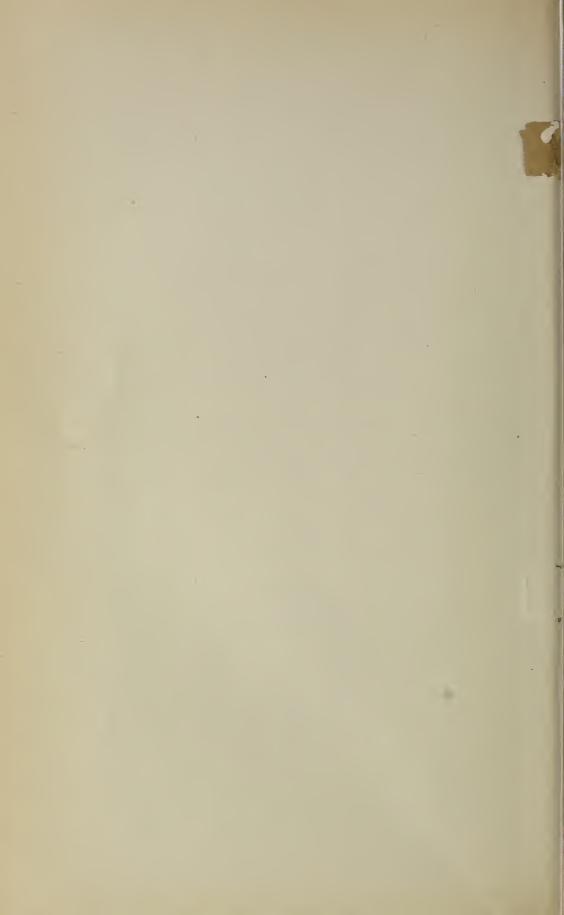
TO THE

DEPARTMENT LIBRARY.

JANUARY-MARCH, 1903.



WASHINGTON:
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1903.



LETTER OF TRANSMITTAL.

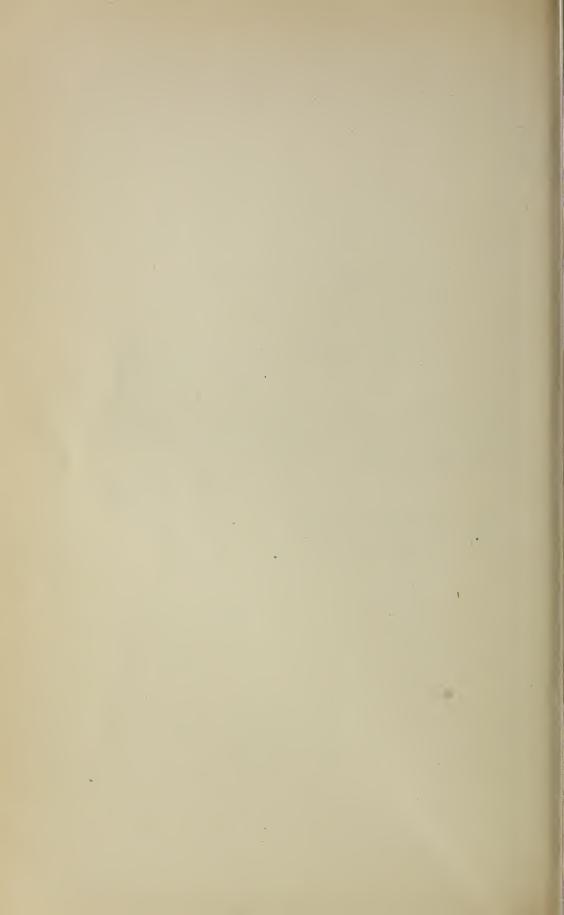
U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE LIBRARIAN,
Washington, D. C., April 7, 1903.

Sir: I have the honor to transmit herewith the manuscript of "Accessions to the Department Library, January-March, 1903," and to recommend the publication of the same as Bulletin No. 46 of the Library.

Very respectfully,

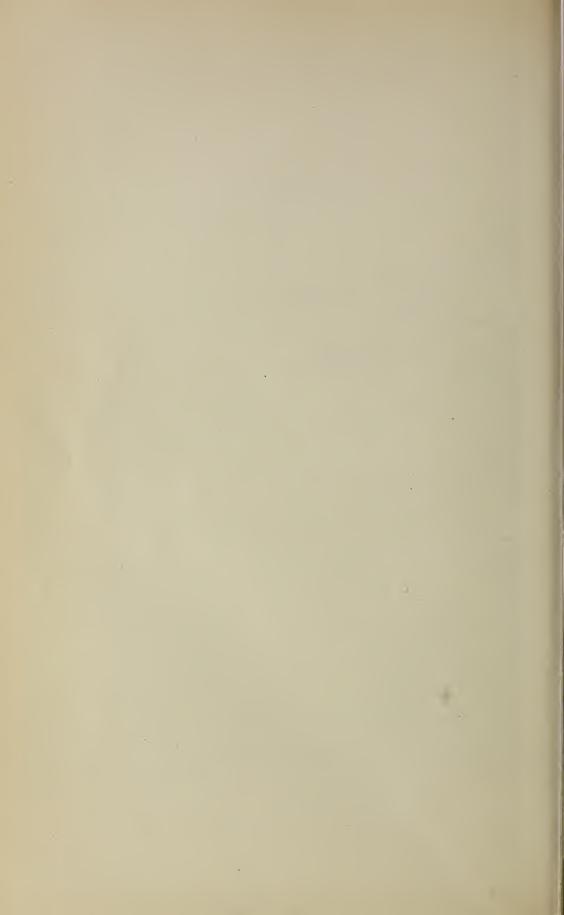
Josephine A. Clark, Librarian.

Hon. James Wilson, Secretary.



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ACCESSIONS TO THE DEPARTMENT LIBRARY.

JANUARY-MARCH, 1903.

A serial number (e. g., 2—24621 or Agr. 3—453) following an entry signifies that printed catalogue cards for the book have been issued and are for sale by the Library of Congress. Applications should be made to the *Librarian of Congress*, *Washington*, D. C. (Card distribution.)

1. AGRICULTURE.

Aikman, C. M. Sixty years of agricultural science . . . 24 p. 16cm. London, Vinton & co., ltd. [1896?]

Reprinted from "The Agricultural gazette."

Auhagen, — . . . Zur besiedelung Sibiriens. Bericht des landwirtschaftlichen sachverständigen für das östliche Russland . . . 2 p. l., 59 p. 24^{cm}. Berlin, Deutsche landwirtschafts-gesellschaft, 1902. (Berichte über land- und forstwirtschaft im auslande. Mitgeteilt vom Auswärtigen amt. 4. buchausgabe.)

Agr 3—270

Bath and west and southern counties society. Journal . . . 4th ser., vol. xII. 1901-1902 . . . front. (plan), illus., tab. $21\frac{1}{2}$ cm. London, E. Stanford, 1902.

Bersch, Wilhelm. Die moderne landwirthschaft. Eine schilderung der bodenproduction und der landwirthschaftlichen gewerbe . . . 23.–30. lfg. illus., pl. 25^{cm}. Wien [etc.] A. Hartleben, 1903 [pub. 1902].

Completes the work.

Bologna—Agricoltura, Ufficio provinciale per l'. Annali . . . 1901–1902, anno ix degli annali. illus., plans, tab. 24^{cm}. Bologna, Società tipografica già compositori, 1902.

Clarke, A. Dudley. Modern farm buildings: their construction & arrangement . . . 3d ed., rev. and enl. xv, 194 p. illus., 11 fold. plans. 19½ m. London, B. T. Batsford, 1899.

Agr 3—461

Country gentlemen's association. The country gentlemen's estate book, 1902... Coronation ed. Ed. and comp. by Wm. Broomhall. 598 p. illus. 25^{cm}. London, The country gentlemen's association, ltd., 1902.

"Tenth yearbook of the Country gentlemen's association."

Craigie, Patrick George. The size and distribution of agricultural holdings in England and abroad . . . cover-title, 64 p. maps, tab. $21\frac{1}{2}$ cm. [London] Harrison and sons, printers in ordinary to Her Majesty, 1887. Agr 3—378 "From the Journal of the Statistical society. March, 1887."

Deutsche landwirtschafts-gesellschaft. Jahrbuch . . . bd. 17, 1902. illus., tab., diagr. $24\frac{1}{2}$ cm. Berlin, Druck von Gebr. Unger, 1902.

Dodge, Jacob Richards. Farm and factory: aids to agriculture from other industries . . . 128 p. 18½cm. New York, American news company, 1884. Agr 3—503

Dürkop, Erich Ernst Friedrich. Die wirtschafts- und handelsgeographischen provinzen der Sahara, begründet durch nützliche pflanzen . . . 2 p. l., 56, [1] p. $22\frac{1}{2}$ ^{cm}. Wolfenbüttel, Druck der Hecknerschen druckerei, 1902.

Agr 3—271 Inaug.-dis.—Jena.

Finland.—Landtbruksstyrelse. Landtbruksstyrelsens meddelanden . . . no. 39–42. 24½cm. Helsingfors, Kejserliga senatens tryckeri [etc.] 1902.

Contents.—no. 39. Reuter, Enzio. 7. Berättelse öfver skadeinsekters uppträdande i Finland år 1901.—no. 40. Matkakertomus viime kesäisestä ulkomaanmatkastani jonka tein valtion ja peräpohjolan maamiesseuran myöntämillä matkarahoilla karjanhoidon, meijeritalouden ja sikahoidon tutkimista varten Ruotsissa, Norjassa ja Tanskassa.—no. 41. Rindell, Arthur. Berättelse öfver en under sommaren år 1900 med statsunderstöd företagen resa i utlandet för studier rörande organisationen af lokala försök och andra till försöksväsendet hörande frågor.—no. 42. Landtbruksstyrelsens berättelse för år 1901.

Franck, Fritz. Die veränderungen in den betriebsgrössen und anbauverhältnissen sowie in der viehhaltung der württembergischen landwirtschaft in der 2^{ten} hälfte des 19^{ten} jahrhunderts . . . 3 p. l., 100 p. tab. (partly fold.) 1 col. fold. map. 22½^{cm}. Halle A. S., Buchdruckerei von K. Pritschow, 1902.

Agr 3—380 Inaug.-dis.—Jena.

Georgia—Agriculture, Department of. Report . . . year ending September 30, 1901 . . . 22^{cm}. Atlanta, 1901.

Giornale agrario toscano [quarterly]. v. 1-nuova ser., v. 12. illus., pl. (partly fold. and col.) fold. maps (partly col.) plan., tab. (partly fold.) diagr. (partly fold.) 21-213cm. Firenze, G. P. Vieusseux, 1827-65.

v. [22–27] have running title: Bullettino agrario. v. 7–17 ed. under supervision of the I. e R. Accademia economico-agraria dei Georgofili.

No more published.

Goltz, Theodor von der. Geschichte der deutschen landwirtschaft. 1. bd. viii, 485 p. 24½cm. Stuttgart und Berlin, J. G. Cotta'schen buchhandlung nachfolger, 1902.

CONTENTS.—Von den ersten anfängen bis zum ausgang des 18. jahrhunderts.

Grinnell, James Seymour. Agriculture of Massachusetts for forty years . . . Extract from the twenty-ninth annual report of the secretary of the Board of agriculture. cover-title, [361]–387 p. 23cm. Boston, Rand, Avery & co., printers to the commonwealth, 1882.

Agr 3–384

Grinnell, James Seymour. Hindrances to successful farming . . . Paper read before the Massachusetts state board of agriculture at Great Barrington, Mass., 1884. 36 p. $23\frac{1}{2}$ cm. Boston, Wright & Potter printing co., state printers, 1885. Agr 3—386

Grinnell, James Seymour. Massachusetts agriculture . . . cover-title, 22 p. 23^{cm}. [n. p., 1888?]

Haggard, Henry Rider. Rural England; being an account of agricultural and social researches carried out in the years 1901 & 1902 . . . 2 v. 56 pl. incl. front., 23 maps. 23^{cm}. London, New York [etc.] Longmans, Green, and co., 1902. 3-1599

Hansen, Kristian. Arealets benyttelse og hostudbyttet i Danmark . . . 6 p. 27^{cm}. [n. p., 1899?]

Hansen, Kristian. Meddelelser fra landmænd. no. 1, v. 22½ cm. Kjøbenhavn, Trykt hos J. Jørgensen & co. (M. A. Hannover) 1893–[97]

'No. v. has no imprint. No. v, "Særtryk af 'Tidsskrift for landbrugets planteavl'. IV."

CONTENTS.—No. I, V. Oversigt over indkomne besvarelser af de i . . . 1892, 1896, udsendte spørgsmaal angaaende forskellige forhold vedrørende planteavlen.

Hansen, Kristian. Planteavlen, 1899–1901 . . . 21½cm. Kjøbenhavn, Trykt hos Nielsen & Lydiche, 1900–02.

Særtryk af "Tidsskrift for landøkonomi."

Hansen, Kristian. Vejledning for besøgende paa de af de samvirkende landboforeninger i Fyens stift anlagte forevisningsmarker ved Dalum landbrugsskole, Skaarup landbrugsskole, Nørre Aaby og Longelse (Langeland) i 1901–02. 22½cm. Odense, Milo'ske bogtrykkeri, [1902–03?]

1901, title reads: Vejledning for besøgende paa de af Fyens stifts patriotiske selskab anlagte forevisningsmarker ved landbrugsskolen i Odense, Dalum landbrugsskole, Skaarup landbrugsskole og Nørre Aaby.

Hansen, Kristian. Vejledning for besøgende paa de af de samvirkende landboforeninger i Sjællands stift foranstaltede forevisningsmarker i 1900. 15 p. $22\frac{1}{2}$ cm. København, Trykt hos J. L. Sivertsen, 1900.

Hidien, Auguste. . . . Rapport sur le matériel et les procédés des exploitations rurales, par Auguste Hidien . . . L'art vétérinaire & la maréchalerie, par M. Lavalard . . . Les engrais, par M. Joulie . . . 492 p. illus. 23^{cm}. Châteauroux, Typographie et lithographie P. Langlois et c^{ie}, 1902.

At head of title: République française. Ministère du commerce, de l'industrie, des postes et des

télégraphes. Exposition universelle internationale de 1900. Groupe VII.—Classe 35.

Hingham agricultural and horticultural society. Transactions . . . for the year 1902. Pub. by the society . . . 23cm. Hingham [Mass.] F. H. Miller, printer, 1902.

Hooper, Cecil H. Compensation for fruit planting . . . cover-title, 46 p. $21\frac{1}{2}$ cm. [London] Printed by J. B. Nichols and sons, 1902.

Reprinted by permission from the Transactions of the Surveyors' institution, vol. xxxIV. Part x.

— Adjourned discussion . . . cover-title, 48 p. 21½cm. [London] Printed by J. B. Nichols and sons, 1902.

Reprinted by permission from the Transactions of the Surveyors' institution, vol. xxxv. Part II.

Hunnicutt, James Benjamin. Agriculture for the common schools . . . viii, 225 p. front. (port.) 19½cm. Atlanta, Ga., The Cultivator publishing company, 1903.

Huschke, Leo. Landwirtschaftliche reinertrags-berechnungen bei klein-, mittelund grossbetrieb dargelegt an typischen beispielen Mittelthüringens. 1. teil . . . 4 p. l., 42, [1] p. 23^{cm}. Jena, G. Fischer, 1901.

Illinois—Furmers' institute. Announcement of the eighth annual round-up meeting... to be held in Bloomington, Illinois, Tuesday, Wednesday, Thursday, February 24, 25, 26, 1903. illus., port. $22\frac{1}{2}$ cm. Bloomington, Printed by Pantagraph printing and stationery company [1903]

Illinois state grange, Patrons of husbandry. Journal of proceedings, 31st session... held at Urbana, Illinois, Tuesday, Wednesday, and Thursday, December 9, 10 and 11, 1902... 23cm. Peoria, E. Hine & co., printers [1902]

India—Bengal—Land records and agriculture, Department of. Report of the agricultural branch... for the year ending 31st March, 1902. 33½cm. Calcutta, Printed at the Bengal secretariat press, 1902.

India—Madras Presidency—Land records and agriculture, Department of. Report on the operations of the Department . . . for the official year 1901–1902. 33½cm. Madras, Printed by the superintendent, government press, 1902.

Indisch landbouw-genootschap. Tijdschrift. v. 1-9; 1871-79. illus., pl. (partly fold.) tab. (partly fold.) 22½ cm. Samarang, Gedrukt bij G. C. T. van Dorp & co., 1871-79.

Editor: F. A. Enklaar van Guericke.

Ireland—Agriculture and technical instruction, Department of. . . . 2d annual general report of the Department, 1901–02 . . . tab. 24^{cm}. Dublin, H. M. Stationery off., 1902.

Jamaica—Board of agriculture and department of public gardens and plantations.

. . . Annual report . . . 1901–1902. 33½cm. Jamaica, Gov't print. off., 1903.

Jormescu, Constantin. Die geschichtliche entwickelung und der gegenwärtige zustand der rumänischen landwirtschaft. 151 p. 22½cm. Bonn, C. Georgi, Universitäts-buchdruckerei, 1901.

Inaug.-dis.-Bonn.

Kansas—Agriculture, State board of. 13th biennial report . . . for the years 1901 and 1902 . . . [vol. xviii] front., illus., col. pl., port., tab. (partly fold.) diagr. 23½cm. Topeka, Kansas Department of agriculture, 1903.

Lemström, Selim. Elektrocultur. Erhöhung der ernte-erträge aller kulturpflanzen durch elektrische behandlung . . . Autorisierte übersetzung von Dr. Otto Pringsheim. 1 p. l., iii, 43 p. 25^{cm}. Berlin, W. Junk, 1902.

Agr 3—107

Louisiana state agricultural society. Proceedings of the 14th annual session of the state agricultural society and the 4th of the Louisiana stockbreeders' ass'n held at Clinton, La., Apr. 15, 16, 17, 1902 . . . 23cm. Baton Rouge, Truth book and job office, 1902.

MacGerald, Willis, ed. Practical farming and gardening . . . 1 p. l., 500 p. front. (col. chart) illus. 20 x 16½ cm. Chicago and New York, Rand, McNally & co. [1902]

Contains bibliographies.

Malden, Walter J. Tillage . . . x, 156 p. illus. 18½ cm. London, G. Bell & sons, 1891. ([Bell's agricultural series])

Agr 3—275

Cover-title: Tillage and implements.

Manitoba—Agriculture and immigration, Department of. Reports of the Farmers' institutes, live stock associations and the Dairy association. For the years 1901 and 1902. 25^{cm}. Winnipeg, 1902.

Michigan state farmers' institutes. Institute bulletin no. 8... Michigan state farmers' institutes, winter of 1901–1902. tab. 23½m. Agricultural College, Pub. by authority of the State board of agriculture, 1902.

Montana—Farmers' institute. 1st annual report . . . for the year ending November 30, 1902 . . . front. (port.) diagr. 23cm. Helena, Independent pub. company [1902]

Moreira, Nicoláo Joaquim. Agricultural instructions for those who may emigrate to Brazil . . . 1 p. l., 120 p., 1 l. incl. fold. tab. 21^{cm}. Rio de Janeiro, Imperial instituto artistico, 1875.

Nachtweh, Alwin. Die hauptprüfung der bindemäher, 1902. Prüfungsbericht . . . illus., tab. 24°m. Berlin, Deutsche landwirtschafts-gesellschaft, 1903. (Arbeiten der Deutschen landwirtschafts-gesellschaft. Hft. 79.)

Nederlandsch landbouw-comité. Verslag van de handelingen . . . over 1902. tab., diagr. 25½cm. Amsterdam, Gedrukt bij J. H. de Bussy, 1903.

Netherlands—Binnenlandsche zaken, Departement van. Verzameling van verslagen, betrekking hebbende op de vanwege het rijk gesubsidëerde proefvelden, het landbouwonderwijs, de rijkslandbouw proefstations, het veeartsenijkundig onderwijs en de paarden- en veefokkerij als tak van staatszorg. 1901–1902... [hoofdstuk 8–12] 24^{cm}. 's Gravenhage, Gebrs. J. & H. Van Langenhuysen, 1902.

Netherlands—Waterstaat, handel en nijverheid, Minister van. Verslag over den landbouw in Nederland, over 1900. 2. stuk . . . viii, 651 p. incl. tab. 1 fold. tab. 24^{cm}. 's Gravenhage, Bij de Gebroeders van Cleef, 1902.

New Hampshire—Agriculture, Board of. Centennial papers. One hundred years' rural progress, and reports and addresses relative to the Centennial exhibition, 1876... 140, [1] p. front., illus., pl. $22\frac{1}{2}$ cm. Concord, E. A. Jenks, state printer, 1877.

New Hampshire—Agriculture, Board of. Secure a home in New Hampshire, where comfort, health, and prosperity abound. 1891. 68 p. fold. map. 23^{cm}. Manchester, J. B. Clarke, public printer, 1891.

Agr 3—507

New South Wales—Agriculture, Department of. Miscellaneous publication. no. 617-618. illus. 24½·m. [Sydney, W. A. Gullick, government printer] 1902. From Agricultural gazette of N. S. Wales.

CONTENTS:—no. 617. Catch crops for green fodder and conservation. H. W. Potts.—no. 618. Mules at the Hawkesbury college farm. H. W. Potts.

New York (state)—Agriculture, Department of. . . . 8th annual report of the commissioner of agriculture. For the year 1900. 4 v. illus., pl., tab., diagr. (partly fold.) 23°m. Albany, J. B. Lyon, state printer, 1901.

"Bibliography [of the cherry fruit-fly]": vol. 2, p. 42.

"Bibliography of the more important contributions to the literature of the peach-tree borer [by Mark Vernon Slingerland]:" vol. 2, p. 245-253.

New York plow company. The ensilage congress; report of proceedings of the third and fourth congresses. How to build silos—analyses—results—cost—physiological value of ensilage—green manuring—and underground irrigation. 96 p. 23^{cm}. New York, Pub. by the New York plow company [1885].

New York state agricultural society. Report on the trial of plows, held at Utica, by the New York state agricultural society, commencing September 8th, 1867. With a supplement showing the results of a special trial at Brattleboro, to determine several questions respecting the action of the plow. 288 p. illus., viii pl. 23cm. Albany, Printing house of C. Van Benthuysen & sons, 1868.

Nicholls, Henry Alfred Alford. Manual de agricultura tropical . . . traducido del inglés . . . por H. Pittier . . . con la colaboración de los señores Manuel Aragón y Justo A. Facio. 1 p. l., 4,[v]-xxv, 244 p. pl. 22½cm. San José de Costa Rica, C. A., Tipografía nacional, 1901.

Norway—Landbrugsdirektøren. Beretning om høsten i Norge, aaret 1902... tab. 23^{cm}. Kristiania, Grøndahl & søns bogtrykkeri, 1902.

Ohio state grange of patrons of husbandry. Journal of proceedings of the 30th annual session . . . held at Defiance, Ohio, December 9, 10, and 11, 1902 . . . $22\frac{1}{2}$ cm. Troy, Ohio, The Troy printing co. [1902?]

Ontario—Agriculture, Department of. Annual report . . . 1901. 2 v. illus., pl., port., maps, tab., diagr. $24\frac{1}{2}$ cm. Toronto, L. K. Cameron, Printer to the King's most excellent Majesty, 1902.

Ontario—Agriculture, Department of. [2d] annual report of Ontario fairs and exhibitions for the year 1902 . . . illus. $24\frac{1}{2}$ cm. Toronto, Printed by L. K. Cameron, 1902.

Ontario—Furmers' institutes, Superintendent of. Annual report of the farmers' institutes of the Province of Ontario [1901/02] pt. 2–3. tab. 24½ Toronto, L. K. Cameron, 1902.

pt. 2, title reads: Report of the farmers' institutes.

Contents.—pt. 2. Women's institutes.—pt. 3. Meetings and statistics.

Pennsylvania—Agriculture, Department of. . . . Preliminary report . . . for the year 1902. $23\frac{1}{2}$ ^{cm}. [Harrisburg] W. S. Ray, state printer of Pennsylvania, 1903.

Planters' association of Ceylon. Yearbook . . . 1901–1902. 21½cm. Colombo, Printed at the "Times of Ceylon" printing works, 1902.

Preinhelter, Eduard. Die landwirtschaft im oberen bayerischen wald . . . 89, [1] p. tab. 21½ cm. Regensburg, Druck von H. Schiele, 1902. Agr 3—278 Inaug.-dis.—Jena.

"Litteratur": p. 4.

Preuss, Paul. . . . Expedition nach Central- und Südamerika. Dr. Paul Preuss. 1899/1900. Mit 20 tafeln, 1 plan und 78 abbildungen im text. xii, 452 p. illus., 20 pl., plan. $25\frac{1}{2}$ cm. Berlin, Verlag des Kolonial-wirtschaftlichen komitees, 1901.

At head of title: Kolonial-wirtschaftliches komitee.

Rechenberg, Ernest von. Über einschränkung des getreidebaues zu gunsten der viehhaltung . . . 2 p. l., 79 p. 1 fold. diagr. Neisse, Druck von A. Letzel, 1902. Inaug.-dis.—Jena.

Rogers, James Edwin Thorold. A history of agriculture and prices in England from the year after the Oxford parliament (1259) to the commencement of the con-

tinental war (1793); compiled entirely from original and contemporaneous records, by James E. Thorold Rogers, ed. with sundry additions by one of his sons. v. vii. 1703–1793. tab. 23cm. Oxford, At the Clarendon press, 1902. 3—2935 Preface signed: Arthur G. L. Rogers.

Romero Casal, Juan B. Elementos de agricultura tropical . . . vi, 114, x p. 21^{cm}. San José, C. R., Tip. nacional, 1897.

Shafer, Daniel R. Household and farmers' cyclopedia: or, One hundred thousand facts for the people . . . vi, [7]-606 p. front., illus. 25°m. St. Louis, Mo., Chicago, Ills. [etc.] Anchor publishing co. [1878].

Society for the promotion of agricultural science. Proceedings of the 23d annual meeting . . . held at Pittsburg, Pennsylvania, 1902 . . . v pl., tab., 1 fold. diagr. n. p., Pub. by authority of the society [1902].

"Bibliography [of crude petroleum as an insecticide]": p. 95.

South Australia—Agriculture, Minister of. . . . Report . . . for 1901–2 . . . 34^{cm}. Adelaide, C. E. Bristow, government printer, 1902.

Sweden—Kongliga jordbruksdepartement. [Meddelanden] vi. 23½cm. Stockholm, J. Marcus' boktr.-aktiebolag, 1903.

CONTENTS.—Om sammanslutningar mellan landtmän för vissa ekonomiska ändamål.

Sweden—Kongliga landtbruksstyrelse. Kongl. landtbruksstyrelsens underdåniga berättelse för år 1900. pl., tab. $23\frac{1}{2}$ cm. [Norrköping, J. Jönsons boktryckeriaktiebolag, 1902].

Tennessee—University. [Agricultural year book : . . 1903] front., illus. 24°m. [Knoxville] The University of Tennessee press, 1903. (University of Tennessee record. v. 6, no. 1)

Tidsskrift for landbrugets planteavl. Hovedorgan for statens forsøg og undersøgelser vedrørende markens avlsplanter. Redigeret af E. Rostrup. 7. bind. tab. 24^{cm}. Kjøbenhavn, Th. Linds boghandel, 1901.

Tijdschrift voor nijverheid en landbouw in Nederlandsch-Indië, uitgegeven door de Nederlandsch-Indische maatschappij van nijverheid en landbouw . . . deel I-LX, aflevering II. illus. $21\frac{1}{2}-24^{\text{cm}}$. Batavia, Albrecht & co., 1854-1900.

Deel I-VI, title reads: Tijdschrift voor nijverheid in Nederlandsch Indië, uitgegeven door de Nederlandsch-Indische maatschappij van nijverheid.

Deel VII-VIII, title reads: Tijdschrift voor nijverheid en landbouw in Nederlandsch Indie. Deel VI-XVII are nieuwe ser., de^el I-XII.

Todd, Sereno Edwards. The young farmer's manual; detailing the manipulations of the farm in a plain and intelligent manner. With practical directions for laying out a farm and erecting buildings, fences, and farm gates. Embracing also the young farmer's workshop; giving full directions for the selection of good farm and shop tools, their use and manufacture, with numerous original illustrations of fences, gates, tools, etc., and for performing nearly every branch of farming operations . . . 2 v. front. (port.) illus. 21^{cm}. New York, F. W. Woodward, 1867.

Agr 3—222
Vol. 1 copyrighted 1860.

Vol. 2 has title: The young farmer's manual: or, How to make farming pay, giving plain and practical details of general farm management; with a chapter on soils, and their cultivation, and much other valuable matter of a practical character.

Tunis—Agriculture et du commerce, Direction de l' Feuille de renseignements [monthly] v. 1-3; Jan. 1900-Dec. 1902. 4°. [Tunis] 1900-1902.

United planters' association of southern India. [Proceedings] 9th annual general meeting, held at Bangalore on 28th, 29th, 30th and 31st July, 1902, with appendices. tab. 22cm. Madras, Printed by Higginbotham & co., 1903.

United States agricultural society. The journal of agriculture: comprising the transactions and the correspondence of the United States agricultural society for 1859–[1860] Ed. by Ben: Perley Poore, secretary of the society. v. 7–8, no. 3

[Apr.] 1859-Oct. 1860. 22½cm. Washington, D. C., Pub. at the rooms of the United States agricultural society, 1860.

Vol. 8 lacks t.-p. and index.

Virginia—Agriculture, Department of. Report of the commissioner of agriculture . . . 1901. front., illus., pl., port., col. tab., fold. diagr. $22\frac{1}{2}$ cm. Richmond, J. H. O'Bannon, superintendent of public printing, 1901.

Contains Bulletin of the Department of agriculture of Virginia, no. 7.

West Indies (British)—Agriculture, Imperial department of. Barbados; report of the agricultural work for the season between 1900–1902 . . . tab. 33^{cm}. [Barbados] V. Gale, printer to the government of Barbados, 1902.

West Indies (British)—Agriculture, Imperial department of. Pamphlet series. no. 18-21. 18½. [n. p.] Issued by the commissioner of agriculture, 1902.

CONTENTS.—no. 18. Recipes for cooking West Indian yams.—no. 19. Summary of the results of the cultivation of seedling and other canes at Barbados, 1902.—no. 20. Summary of the results of the cultivation of seedling and other canes at the experiment stations in the Leeward islands, 1901/02.—no. 21. Cotton and onion industries in the West Indies [by D. Morris].

West Virginia—Agriculture, State board of. Sixth biennial report . . . for the years 1901 and 1902. 23cm. Charleston, The Tribune company, 1902.

Whitehead, Mortimer. A silver jubilee; twenty-fifth anniversary of the organization of the first farmers' grange in the world. Fredonia, Chautauqua Co., N. Y., April 20 and 21, 1893... 44 p. front. (port.) 22cm. Washington, D. C., Pub. by the executive committee of the National grange, P. of H., 1893.

Wisconsin—Agriculture, State board of. Annual report . . . for the year 1899–1901. front., pl., port. $22\frac{1}{2}$ cm. Madison, Democrat printing company, state printer, 1901–02.

1899-1900, title reads: 2d biennial report . . . for the years 1899-1900.

Wisconsin farmer and north-western cultivator: devoted to agriculture, horticulture, the mechanic arts, and rural economy [monthly] v. 11; Jan.-Dec., 1859. vi, 462 p. illus. 26^{cm}. Madison, Powers & Hoyt, 1859.

Württemberg—K. Zentralstelle für die landwirtschaft. Die landwirtschaft in Württemberg. Denkschrift mit ermächtigung der K. Ministerien des innern und des kirchen- und schulwesens, hrsg. von der K. Zentralstelle für die landwirtschaft. xiv, 428 p. 27½ cm. Stuttgart, Druck von W. Kohlhammer, 1902. Agr 3−108

Youatt, William. The complete grazier and farmers' and cattle-breeders' assistant, forming a compendium of husbandry, originally written by William Youatt . . . 14th ed. entirely re-written, considerably enlarged, and brought up to the present requirements of agricultural practice by William Fream . . . xiv, 1086 p. front., illus., diagr. $27\frac{1}{2}$ cm. London, C. Lockwood and son, 1900.

Zolla, D. La colonisation agricole en Tunisie . . . 71 p. illus. $25\frac{1}{2}$ ^{cm}. Paris, Impr. de la Cour d'appel, L. Maretheux, directeur, 1899.

2. AGRICULTURAL EDUCATION.

Agricultural education committee. [Pamphlets] no. 34–35. pl. 21½cm. London, Co-operative printing society limited, 1902.

CONTENTS.—No. 34. Agricultural education in Scotland. By James Hendrick.—no. 35. Nature-knowledge: its progress and interpretation . . . By Wilfred Mark Webb.

Belgium—Agriculture, Ministère de l'. Situation de l'enseignement vétérinaire et agricole; rapport triennal . . . années 1900, 1901 et 1902. 32^{cm}. Bruxelles, J. Goemaere, imprimeur du roi, 1903.

Belgium—Intérieur et de l'instruction publique, Ministère de l'—Enseignement primaire, Administration de l'. . . . Circulaire relative à l'enseignement des notions d'agriculture, 17 septembre 1898 . . . Omzendbrief betreffende het onderricht der landbouwbegrippen, 17 september 1898. 25 p. 22° Bruxelles, Impr. J.-B. Stevens, 1898.

Bollman, Lewis. The industrial colleges. The nature of the education to be given in them; their several kinds and courses of instruction considered. By Lewis Bollman. To which is added a communication of the general plan of the college building, with the necessary aids to instruction in each department of education, by Richard Owen . . . 40 p. $23\frac{1}{2}$ cm. [n. p., 1864]

Connecticut agricultural college, Storrs, Conn. . . . Catalogue, 1902–1903 . . . front., pl., map, fold. plan, diagr. $22\frac{1}{2}$ cm. [Hartford] Hartford press, 1903.

France—Institut national agronomique. . . . Annales . . . 2. sér., tome 1. L'Institut agronomique et son enseignement pendant les vingt-cinq premières années de son existence, 1876–1901. front., illus., fold. map, plans, facsim., diagr. 25½°. Argenteuil, Impr. par P. Worms [1903]

Includes lists of works published by the instructors.

Hohenheim. K. Württembergische landwirtschaftliche akademie. Wirtschaftsplan des Hohenheimer gutes für das jahr 1902. fold. plan. 22½ Plieningen, Druck von F. Find, 1902.

Missouri—Agricultural experiment station Circular of information. no. 13, 15. illus. $22\frac{1}{2}$ cm. Columbia, 1902–03.

CONTENTS.—no. 13. Agriculture in the public schools; plant propagation, by W. L. Howard.—no. 15. The principles of plant production; the seed, by Frederick B. Mumford.

Mladá Boleslav, Bohemia. Rolnická škola. 19. výroční zpráva Rolnické školy v Mladé Boleslavi za školní rok 1901–1902 . . . tab. $25\frac{1}{2}$ cm. Mladá Boleslav [n. d.]

North Carolina—College of agriculture and mechanic arts. [Catalogue] 1900–1901. 20cm. Raleigh [Presses of E. M. Uzzell, 1901]

North Dakota—Agricultural college, Fargo. . . . 6th biennial report of the board of trustees . . . November 1, 1902. illus., pl., tab. 23^{cm}. Bismarck, Tribune, state printers and binders, 1902.

Queensland agricultural college. . . . Calendar. pl. 22^{cm}. Brisbane, E. Gregory, government printer, 1900.

Texas—Agricultural and mechanical college. 26th annual catalogue, session 1901–1902 . . . front., illus., pl. $22\frac{1}{2}$ cm. Austin, Von Boeckmann, Schutze & co., state printers, 1902.

White, Andrew Dickson. Address on agricultural education, delivered before the N. Y. state agricultural society, at Albany, February 10, 1869... Pub. by the society. 49 p. 23cm. Albany, Printing house of C. Van Benthuysen & sons, 1869.

Agr 3—494

3. EXPERIMENT AND SEED-CONTROL STATIONS.

Algiers. Station agronomique et œnologique d'Alger. Bulletin. no. 4. année 1901/02. 24^{cm}. Alger, Impr. Casabianca, 1902.

California—University—College of agriculture—Agricultural experiment station. . . . Report of work of the agricultural experiment station of the University of California for the years 1898–1901. pt. 2. illus., tab. (partly fold.) diagr. 22½cm. Sacramento, A. J. Johnston, superintendent state printing, 1902.

Cornell university—Agricultural experiment station, Ithaca, N. Y. 15th annual report . . . 1902 . . . illus., diagr. 22½cm. Ithaca, Pub. by the University, 1902.

Dansk frøkontrol. Aarsberetning . . . for 1901–1902, af O. Rostrup. tab. $22\frac{1}{2}$ cm. København, Trykt hos J. Jørgensen & co. (M. A. Hannover) 1903.

Denmark—K. Veterinær- og landbohøjskole—Laboratorium for landøkonomiske forsøg. 53de-54de beretning . . . illus. 23^{em}. Kjøbenhavn, I kommission hos Aug. Bang, 1902.

Denmark—Statens plantea ls udvalg. Plan for statens forsøg i plantekultur for finansaaret 1900/01–1902/03 22½ m. [n. p., n. d.]

Særtryk af Tidsskrift for Landbrugets planteavl 7-9.

Hamburg, Botanisches museum und laboratorium für waarenkunde zu— Abtheilung für samencontrole. . . . Bericht über die thätigkeit . . . (für die zeit vom 1. juli 1900 bis 30. juni 1901.) [no.] x. $25\frac{1}{2}$ cm. Hamburg, Gedruckt bei Lütcke & Wulff, 1902.

Hanamann, Josef. Der einfluss landwirthschaftlicher versuchsthätigkeit auf die agricultur . . . 16 p. 21^{cm}. Wien, H. H. Hitschmann, 1892. Agr 3—389 Separatabdruck aus der "Wiener landwirthschaftlichen zeitung" nr. 64 und 65, jahrg. 1892.

Hansen, Kristian. Forsøgsstationen ved Lyngby . . . 15-20 p. 1 fold. map. 25^{cm}. [n. p., n. d.]

Hoorn, Netherlands. **Rijkslandbouwproefstation.** Verslag . . . over het jaar 1901 . . . $24\frac{1}{2}$ cm. 's Gravenhage, Gebrs. J. & H. van Langenhuysen, 1902.

Overgedrukt uit de "Verzameling van verslagen, betrekking hebbende op de vanwege het rijk gesubsidiëerde proefvelden, het landbouwonderwijs, de rijkslandbouwproefstations enz." 1901–1902.

India—United provinces of Agra and Oudh—Land records and agriculture, Department of. Report on the Cawnpore farm and other experiment stations... for the year ending June 30th, 1902. tab. $33\frac{1}{2}$ cm. Allahabad, Printed at the United provinces of Agra and Oudh government press, 1902.

Lobositz, Bohemia. Fürstliche schwarzenberg'schen versuchsstation. Bericht über die thätigkeit . . . im jahre 1899–1900. 22cm. [Wien, K. u. K. Hofbuchdruckerei C. Fromme, 1900–01]

Sonderabdruck aus der "Zeitschrift für das landwirthschaftliche versuchswesen in Oesterreich" 1900–1901.

Lyngby, Denmark. Forsøgsstation. Beretning . . . for aaret 1898–1901. 23cm. [n. p., n. d.]

Særtryk af Tidsskrift for Landbrugets planteavl, 6-9.

Missouri—Agricultural experiment station. Circular of information. no. 16. tab. $22\frac{1}{2}$ ^{cm}. Columbia, Mo., Press of E. W. Stephens, 1903.

Contents.—5th biennial report . . . on the enforcement of the fertilizer-control law.

North Carolina—Agricultural experiment station. 25th annual report . . . for the year ending June 30, 1902. Including technical and scientific papers and bulletin no. 181 . . . illus., tab. (partly fold.) 23cm. Raleigh, Edwards & Broughton, state printers, 1903.

Otterbach, Austria. Landwirthschaftlich-chemische versuchsstation des landesculturrathes für Oberösterreich. Bericht über die thätigkeit . . . im jahre 1901 . . . 22cm. [Wien, K. u. K. Hofbuchdruckerei C. Fromme, 1902]

Sonderabdruck aus der "Zeitschrift für das landwirthschaftliche versuchswesen in Oesterreich" 1902.

Sibpur experimental farm. Annual report . . . for 1901–1902. 24^{cm}. Calcutta, Printed at the Bengal secretariat press, 1902.

Silesia—Landwirthschaftskammer—Agricultur - chemische versuchsstation. Jahresbericht . . . 1. januar 1901–31. märz 1902. tab. (partly fold.) $25\frac{1}{2}$ cm. Breslau, Druck von Grass, Barth u. comp. (W. Friedrich) 1902.

Storrs agricultural experiment station. . . 14th annual report . . . 1901 . . . tab. $23\frac{1}{2}$ ^{cm}. Middletown, Conn., Pelton & King, printers and bookbinders, 1902.

Tennessee—University—Agricultural experiment station. 15th annual report . . . for 1902. illus. 23^{cm}. Knoxville, Printed for the University of Tennessee press by S. B. Newman & co., 1902.

Wädensweil, Deutsch-schweizerische versuchsstation und schule für obst-, wein- und gartenbau in. IX., X., XI. & XII. jahresbericht . . . vom 1. september 1898 bis 31. august 1902. 22½cm. Wädensweil, Druck von A. Stutz, 1901–02.

x, xI. & xII. jahresbericht, "zugleich schlussbericht."

Wagga Wagga, N. S. W. Experimental farm. . . . Prospectus, rules, and syllabus of instruction for students . . . 25cm. Sydney, W. A. Gullick, government printer, 1901.

West Indies (British)—Agriculture, Imperial department of. . . . Report on the experiment stations, Montserrat, 1901–02. 32½cm. Barbados, Issued by the Commissioner of agriculture for the West Indies, 1903.

Wisconsin—University—Agricultural experiment station. 19th annual report . . . for the year ending June 30, 1902. front. (port.) illus., pl., diagr. 22½cm. Madison, Democrat printing company, state printer, 1903.

4. SOILS AND FERTILIZERS.

Bode, Hugo. Die erhaltung der bodenkraft im pachtvertrage . . . 64 p. $21\frac{1}{2}$ cm. Halle a. S., Druck von Wischan & Wettengel, 1902. Agr 3-212 Habilitationsschrift-Halle-Wittenberg.

Chester, Frederick Dixon. . . . Bacteria of the soil in their relation to agriculture . . . 88 p. pl., diagr. 23½cm. [Harrisburg] W. S. Ray, state printer of Penn-(Commonwealth of Pennsylvania. Department of agriculture. sylvania, 1902. Bulletin no. 98) Agr 3-213 Bibliography: p. 85-88.

Dugast, J. . . . Agrologie, par M. J. Dugast . . . 138 p., 2 l. 21½cm. Alger-Mustapha, Giralt, imprimeur-photograveur, 1900. (Algérie. [Exposition universelle de 19001) Agr 3-78

"Bibliographie": 1st l. at end.

Dyer, Bernard Shirley. Seventh annual report (for 1900) on field experiments on the manuring of vegetable and fruit crops. Carried out on the farm and with the co-operation of Mr. F. W. E. Shrivell, at Golden Green, Hadlow, Tonbridge . . . tab. $21\frac{1}{2}$ London, Vinton & co., limited, 1902.

Federazione italiana dei consorzi agrari. . . . Annali della sezione di propaganda per l'uso razionale dei concimi, anni 1898-99-900-901. illus., tab. 30½°m. Piacenza, Stabilimento tipografico V. Porta, 1902.

German kali works. The Stassfurt industry. 65 p. incl. illus., pl., tab. 18cm. New York, German kali works [1902?] Agr 3-464

Gilbert, Sir Joseph Henry. Results of experiments at Rothamsted on the growth of barley, for more than thirty years in succession on the same land; being a lecture delivered June 29, 1886, at the Royal agricultural college, Circnester . . . 1 p. l., 21½cm [Circncester, G. H. Harmer, printer, 1886] Agr 3-465 From the "Agricultural students' gazette," new ser.—vol. III. Pt. I.

Hagens, J. F. C. Fertilizing sugar cane. 41 p. incl. pl., tab. 18½cm. New York, German kali works [190-]

Hanamann, Josef. Ueber die bedeutung und nothwendigkeit der kalkzufuhr und über die hebung der bodencultur durch kalkdüngung. Ueber veranlassung der deutschen section des Landesculturrathes für das königreich Böhmen . . . 87 p. 22cm. Prag, Verlag des Deutschen vereines zur verbreitung gemeinnütziger kenntnisse, 1900. Agr 3-391

Hansen, Kristian. Beretning om dyrkningsforsøg med forskellige havresorter foretagne ved statens forsøgsstationer . . . 1 p. l., [203]–261 p. Kjøbenhavn, Trykt hos J. Jorgensen & co. (M. A. Hannover) 1902. Agr 3-392 Særtryk af "Tidsskrift for landbrugets planteavl" ix.

Hansen, Kristian. Beretning om lokale gødningsforsøg unførte i sommeren 1899 af Bornholms landøkonomiske selskab . . . 13 p. tab. 23^{cm}. København, Trykt hos Nielsen & Lydiche, 1899.

Hansen, Kristian. Beretning om lokale gødningsforsøg udførte i sommeren 1899 af Fyens stifts patriotiske selskab . . . 28 p. tab. 23^{cm}. København, Trykt hos Nielsen & Lydiche, 1899.

Hansen, Kristian. Beretning om lokale gødningsforsøg udførte i sommeren 1898 af Langelands landøkonomiske forening . . . 16 p. tab. 20^{cm}. København, Trykt hos Nielsen & Lydiche, 1899.

Hansen, Kristian. Lokale gjødningsforsøg . . . 11 p. 23^{cm}. [Kjøbenhavn, B. Lunos bogtrykkeri, n. d.]

Hansen, Kristian. Lokale markforsøg med kunstgødning . . . cover-title, 16 p. tab. 20cm. Kjøbenhavn, O. O. Barfod & co., 1902.

Særtryk af Tidsskrift for landøkonomi 1897.

Hansen, Kristian. Lokale markforsøg med kunstgødning i Kjøbenhavns amt 1897... 5 p. tab. 22½cm. [n. p., n. d.]
Særtryk af "Landmandsblade."

Hansen, Kristian. Lokale markforsøg med kunstgødning i Præstø amt 1897 . . . 6 p. tab. $22\frac{1}{2}$ ^{cm}. [Kjøbenhavn, Centraltrykkeriet, n. d.]

Hansen, Kristian. Meddelelser om lokale forsøg med kunstgødning i 1895 . . . 11 p. 23^{cm}. [Kjøbenhavn, Centraltrykkeriet, n. d.]
Særtryk af "Landmandsblade."

Hansen, Kristian. Vejledning ved udførelsen af lokale gødningsforsøg. Udarbejdet af Statskonsulent K. Hansen. 24 p. 18^{cm}. København, O. C. Olsen & co., 1902.

Published with this is: Lommebog til brug ved udførelsen af lokale gødningsforsøg udarbejdet af F. Hansen og K. Hansen . . .

[Kinch, Edward] Manurial experiments on permanent grass at the Royal agricultural college, Circnester . . . cover-title, 6 p. 22cm. Circnester [Eng.] G. H. Harmer, standard printing works [1902]

Reprinted from the Agricultural students' gazette, December, 1902.

Linde, Siegmund. Wurzel-parasiten und angebliche bodenerschöpfung in bezug auf die kleemüdigkeit und analoge krankheits-erscheinungen bei ungenügendem pflanzenwechsel . . . 2 p. l., 64 p. tab. $20\frac{1}{2}$ cm. Freiburg in Baden, Universitätsbuchdruckerei von C. Lehmann, 1880.

Agr 3—404
Inaug.-dis.—Leipzig.

Natal—Agriculture, Department of. Bulletin 2... Manures in the Natal market, season 1902. By Alex. Pardy ... 1 fold. tab. 24^{cm}. Maritzburg, P. Davis & sons, printers, 1902.

National fertilizer association. The fertilizer movement during the season 1882/83-83/84. $22\frac{1}{2}$ cm. [Baltimore, Press of Guggenheimer & Weil] 1883-84.

Pearson, A. N. . . . Manuring . . . 124 p. incl. tab. (partly fold.) pl., plans. 21½cm. Melbourne, R. S. Brain, government printer [1901] (Report on field experiments in Victoria, 1887–1900)

Agr 3—221

Reitmair, Otto. Bericht über die mit winterhalmfrucht im herbste 1900 eingeleiteten und 1901 zum abschluss gebrachten phosphat-düngungs-versuche . . . fold. map, tab. 23½cm. [Wien] K. K. Landwirtschaftlich-chemischen versuchsstation, 1902.

Reitmair, Otto. . . . Versuche über die behandlung des stallmistes mit kalk . . . cover-title, 34 p. tab. $22\frac{1}{2}$ cm. [Wien, K. u. K. Hofbuchdruckerei C. Fromme, 1902]

Sonderabdruck aus der "Zeitschrift für das landwirthschaftliche versuchswesen in Oesterreich" 902.

24303—No. 46—03——2

Schreiber, Constant. Emploi des engrais potassiques dans les terrains du Limbourg, par C. Schreiber . . . G. Smets . . . 69 p. illus., tab. 23^{cm}. Hasselt, M. Ceysens, 1893.

Agr 3—547

Schreiber, Constant. Nouvelle contribution à l'étude des phosphates . . . 24 p. tab. $23\frac{1}{2}$ cm. Louvain, Impr. des trois rois, 1899. Agr 3—548 Extrait de la Revue générale agronomique.

Schreiber, Constant. Recherches expérimentales sur les engrais calcaires en Campine . . . cover-title, 14 p. 24cm. -Courtrai, E. Beyaert [1893] Agr 3-549 Extrait de la Revue agronomique, 1893, no. 1.

Schreiber, Constant. Recherches sur la valeur agricole du Damaraguano et du phospho-guano du Pérou . . . 11 p. tab. 23^{cm}. Brecht, Impr. L. Braeckmans, 1901.

Schreiber, Constant. Les sels de potasse dans la culture de la betterave à sucre... 7 p. 23^{cm}. Louvain, Impr. des trois rois, 1897.

Agr 3—551

Extrait de la Revue agronomique.

Schreiber, Constant. La sidération au lupin et les engrais azotés . . . covertitle, 8 p. illus. 23cm. Brecht, Impr. L. Braeckmans, 1902. Agr 3—552

Scott, John. . . . The soil of the farm. By John Scott and J. C. Morton. 5th ed. (1st revision) . . . vi p., 1 l., 148 p. 19^{cm}. London, Vinton & co., ltd. [1896] (Morton's handbooks of the farm. no. iv.)

Söderbaum, Henrik Gustaf. . . . Kulturförsök med fälldt kalciumfosfat, II . . . 14 p. 1 pl. 24^{cm}. Stockholm, Kungl. boktryckeriet, P. A. Norstedt & söner, 1902. (Meddelanden från Kongl. landtbruks-akademiens experimentalfält, n:o 75)

Uckfield, Eng. Agricultural and horticultural college and training farm... Report on manurial experiments on permanent pasture... with botanical analysis of herbage. 20 p. 24^{cm}. Lewes, W. E. Baxter limited, printers, 1900. By W. J. Malden.

Ullmann, Martin, ed. Notiz-kalender über die anwendung künstlicher düngemittel für das jahr 1903. 10. jahrg. pl. 19^{cm}. Hamburg, Druck von J. H. Koch & co., 1903.

Verein deutscher dünger-fabrikanten. Methoden zur untersuchung der kunstdüngemittel. Hrsg. vom Verein deutscher dünger-fabrikanten. 2. verb. und verm. aufl. 40, [1] p. illus. $23\frac{1}{2}$ Berlin, R. Gaertner's verlagsbuchhandlung, H. Heyfelder, 1898.

"Sonderabdruck aus der zeitschrift 'Die chemische industrie,' jahrgang 1898."

Vibrans, C. Die wirtschaft Lupitz und ihre erträge . . . 33 p. tab. 24^{cm}. Berlin, Deutsche landwirtschafts-gesellschaft, 1902. (Arbeiten der Deutschen landwirtschafts-gesellschaft. hft. 76.)

Agr 3—553

Warington, Robert. Some of the principles which should determine compensation for the use of foods and manures; a lecture delivered before the Newcastle farmers' club on February 26, 1898 . . . 44 p. tab. 21½cm. London, Vinton & co., 1898.

Agr 3—493

West Indies, (British)—Agriculture, Imperial department of. . . . Soils of Dominica. Report on the physical and chemical analyses of the soils of Dominica, 1902. 2 p. l., 32 p. illus., tab. 32½cm. Barbados, Issued by the commissioner of agriculture for the West Indies, 1903.

Wye, Kent. South-eastern agricultural college. . . . First report to the Technical education committees of Kent and Surrey on a chemical and physical study of the soils of Kent and Surrey. By A. D. Hall . . . and F. J. Plymen, A. C. G. I. 69, [1] p. front. (fold. col. map) 21^{cm}. [Ashford, The Kentish express (Igglesden and co.) limited, 1902]

5. IRRIGATION AND DRAINAGE.

Bowman, John B. The development of the arid regions of the west by irrigation. An argument before the House committee on agriculture in favor of the Jornada and El Paso reservoir and canal company . . . Washington, May, 1888. cover-title, 16 p. $23\frac{1}{2}$ cm. Washington, Gibson bros., printers and bookbinders, 1888.

Agr 3-407

Brunhes, Jean. . . . L'irrigation, ses conditions géographiques, ses modes et son organisation dans la Péninsule Ibérique et dans l'Afrique du nord . . . xvii, 579, [1] p. illus., vii maps (partly fold.) diagr. $25\frac{1}{2}$ cm. Paris, C. Naud, 1902. Agr 3—408

At head of title: Etude de géographie humaine.

Thèse-Paris.

"Index bibliographique alphabétique": p. 519-567.

Elliott, Charles Gleason. Engineering for land drainage. A manual for laying out and constructing drains for the improvement of agricultural lands... 1st ed. 1st thousand. viii, 232 p. illus., pl., diagr. 19^{cm}. New York, J. Wiley & sons; London, Chapman & Hall, limited, 1903.

Illinois—Secretary of state. Drainage laws of the state of Illinois. In force July 1, 1901. Published by James A. Rose, secretary of state. iv, 95 p. 22^{cm}. Springfield, Phillips bros., state printers, 1902.

Indiana—General assembly. The laws of Indiana for constructing ditches and levees. 1901. 107, xx p. 22^{cm}. Indianapolis [W. B. Burford, contractor for state printing and binding] 1901.

Agr 3—140

Cover-title: Ditch laws of Indiana for the construction and repair of ditches and levees through proceedings in the Commissioners' court and Circuit court. 1901. Acts of 1901 in back of book.

Mead, Elwood. . . . Irrigation institutions; a discussion of the economic and legal questions created by the growth of irrigated agriculture in the west . . . xi, 392 p. incl. illus., diagr. 19^{cm}. New York, London, The Macmillan company, 1903. (The citizen's library [of economics, politics, and sociology]) 3—2070

Michigan—Secretary of state. . . . Laws relating to construction of drains, with an appendix of blank forms prepared by the Attorney general; compiled by Justus S. Stearns, secretary of state. 136 p. 23½cm. Lansing, R. Smith printing co., state printers and binders, 1900.

At head of title: Revision of 1899. State of Michigan.

— Michigan; drain laws of 1901. Supplement to the 1899 compilation. 7 p. $23\frac{1}{2}$ cm. [n. p., 1901]

North Dakota—Irrigation and forestry, Superintendent of. . . . 5th-6th annual report . . . from December 1, 1894, to December 1, 1896. illus. 23^{cm}. Jamestown, N. D., Alert, state printers and binders, 1896.

5th, 1894/95, contains "2d biennial report of the State fish and game commissioner, from December 1, 1894, to December 31, 1895."

6th, 1895/96, contains "1st biennial report of the State fish comissioner from March 20, 1895, to November 1, 1896."

Completes the Library set.

6. PLANT DISEASES.

Briosi, Giovanni. . . . Intorno alla malattia designata col nome di roncet sviluppatasi in Sicilia sulle viti americana. Relazione a S. E. Guido Baccelli, Ministro d'agricoltura, industria e commercio . . . 14 p. 28^{cm}. [Milano, Tip. Bernardoni di C. Rebeschini e c., 1902]

"Estratto dagli Atti del R. Istituto botanico dell' Università di Pavia . . . (Laboratorio crittogamico) [nuova ser., vol. vii] "

Canada—Central experimental farm—Entomologist and botanist. Insects, fungous diseases, — treatments. Evidence of Dr. James Fletcher . . . before the select

standing committee on agriculture and colonization, 1902. 24½cm. [Ottawa?] Printed by S. E. Dawson, printer to the King's most excellent Majesty, 1902.

Eriksson, Jakob. . . . Om sädessvartrostens specialisering i Sverige och i andra länder, af Jakob Eriksson. 1 p. l., 25 p. 24^{cm}. Stockholm, Kungl. boktryckeriet, P. A. Norstedt & söner, 1902. (Meddelanden från Kongl. landtbruks-akademiens experimentalfält, n:o 73)

Agr 3—233

"Citerad literatur": p. 25.

Eriksson, Jakob. . . . Om uppkomst och spridning af sädesrost ur och genom utsädeskorn . . . 1 p. l., 51 p. illus., 3 pl. 24^{cm}. Stockholm, Kungl. boktryckeriet, P. A. Norstedt & söner, 1902. (Meddelanden från Kongl. landtbruks-akademiens experimentalfält, n:o 72)

Agr 3—234

Gvozdenović, Franz. Neuere erfahrungen in der bekämpfung pflanzlicher und thierischer feinde der rebe, mit ausschluss der phylloxera. Referat beim VII. österreichischen weinbaucongresse in Krems . . . 20 p. $21\frac{1}{2}$ cm. Wien, Verlag der K. K. Versuchsstation in Spalato, 1902.

Sonderabdruck aus der "Allgemeinen wein-zeitung", 1902.

Hansen, Kristian. Nogle undersøgelser over nematodeangreb paa havre . . . 4 p. 25^{cm}. [Kbhvn., Det hoffeosbergske etabl., 1898?]

Agr 3—474
Saertryk af "Ugeskrift for landmænd.

Haselhoff, E. Die beschädigung der vegetation durch rauch; handbuch zur erkennung und beurteilung von rauchschäden, von Dr. E. Haselhoff . . . und Dr. G. Lindau . . . vii, [1], 412 p. illus. · 26^{cm}. Leipzig, Gebrüder Borntraeger, 1903.

"Zusammenstellung der wichtigsten arbeiten über rauchbeschädigungen": p. 395-400.

Lea, Arthur M. . . . Remedies for insect & fungoid pests of the orchard and farm . . . 38 p. $21\frac{1}{2}$ cm. Hobart, Tasmania, J. Vail, government printer, 1902.

At head of title: Department of agriculture, Tasmania.

Agr 3—558

Norway—Statsentomolog. Beretning om skadeinsekter og plantesygdomme i 1902... illus., map. 23cm. Kristiania, Grøndahl & søns bogtrykkeri, 1903.

7. FIELD CROPS AND INDUSTRIAL PLANTS.

Beal, William James. Syllabus for a short course on grasses and other forage plants . . . [32]–36 p. 23cm. [n. p., 1900]

From the Proceedings of the Society for the promotion of agricultural science, for 1900.

Boname, Ph. Culture de la canne à sucre à la Guadeloupe; avec notes additionnelles sur la fabrication du sucre, et sur la culture de quelques plantes tropicales, caféier, cacaoyer, bananier, etc. . . . 2 éd. rev. et augm. 2 p. l., 303 p. $25\frac{1}{2}$ m. Paris, Challamel et c^{ie}, éditeurs, 1888.

Bouchereau, Alcée. Statement of the sugar crop made in Louisiana, in 1900-'01 with an appendix 23½cm. New Orleans, La. [A. Bouchereau] 1902.

Costa Rica—Government. Decreto sobre el cultivo del tabaco, emitido en 17 de noviembre de 1890. cover-title, 4 p. $20\frac{1}{2}$ cm. San José, Tipografía nacional, 1890.

Dafert, Franz W. . . . Las sustancias minerales del cafeto . . . Tr. del portugués por H. Pittier . . . 1 p. l., ii, 33 p. incl. 3 fold. tab. 1 fold. diagr. 22^{cm}. San José de Costa Rica, A. C., Tipografía nacional, 1896.

Agr 3—432

At head of title: Instituto físico-geográfico nacional.

Fruwirth, Carl. Vergleichende anbau-versuche mit verschiedenen gerste- und hafersorten. Als festschrift zur 84. jahresfeier der Königl. württemberg. landwirtschaftlichen akademie Hohenheim . . . 68 p. 23^{cm}. Plieningen, Druck von F. Find, 1902.

Fuentes Chinchilla, Andrés. Apuntes sobre el cultivo del tabaco . . . 1 p. l., v, 59 p. 15^{cm}. San José [Costa Rica] Tip. nacional, 1896. Agr 3—382

German kali works. Sugar cane culture. 63, [5] p. illus., pl., tab. 18½cm. New York, Pub. by German kali works [1902?] Agr 3-545

Hanamann, Josef. Gersten-culturversuche und gersten-untersuchungen . . . 20 p. tab. $23\frac{1}{2}$ cm. [Graz, K. K. universitäts-buchdruckeri "Styria," 1891] Caption title.

"Separatabdruck aus dem Österr. landwirtsch. centralblatte [jahrg. 1]"

Agr 3-390

. . . Handbook for daily cable records of American cotton crop statistics; also East Indian, Egyptian, and Brazilian statistics; together with much useful information for the cotton trade. Season 1902-1903 . . . [32d year] v, 225 p. incl. tab. 8 x 13½cm. London and New York [etc.] Comtelburg, limited, 1902.

Hansen, Kristian. Beretning om udsendelse af havreprøver til landmænd in foraaret 1900 . . . 10 p. 20^{cm}. [n. p., B. Lunos bogtrykkeri, 1902?]

Hansen, Kristian. Vore vigtigste kornsorter og deres dyrkning... 14 p. 21cm. Kjøbenhavn, N. C. Roms bog- & stentrykkeri, 1902.

Hawaiian sugar planters' association—Experiment station and laboratories. Work of the experiment station and laboratories of the Hawaiian sugar planters' association . . . 1902. pl. $23\frac{1}{2}$ cm. Honolulu, Hawaiian gazette co., 1902.

Holdefleiss, Paul. Beitrag zu der frage: Wodurch können wir in Deutschland den kleberreicheren ausländischen weizen entbehrlich machen . . . cover-title, 6 p. 25½cm. Halle a. S., H. Peter, 1901. Agr 3-431

Sonderabdruck aus "Fühling's landw. zeitung", 1901.

Hua, Henri. Les landolphiées (lianes à caoutchouc) du Sénégal, du Soudan et de la Guinée française, par MM. Henri Hua et Aug. Chevalier. cover-title, 36 p. Agr 3-97 illus. 25cm. Paris, A. Challamel, 1901.

"Extrait du Journal de botanique, t. xv, 1901, nos. 1, pp. 1-9; 2, pp. 62-72; 3, pp. 73-85, et 4, pp 116-120."

Kains, Maurice Grenville. Ginseng; its cultivation, harvesting, marketing and market value, with a short account of its history and botany. New ed., rev., enl. and brought down to date . . . ix p., 1 l., 144 p. illus. New York, O. Judd company, 1903. 2-30080

Klaten, Java. Proefstation voor indigo. . . . Bulletin no. 1-2, 4-6. Samarang, G. C. T. Van Dorp & co., 1897–1901. Edited by J. J. Hazewinkel.

Klaten, Java. Proefstation voor indigo. Maandelijksch bulletin . . . vering 1-4; Jan.-Apr. 1900 . . . 24cm. Samarang, G. C. T. Van Dorp & co., 1900. Edited by J. J. Hazewinkel.

Ljunggren, S. . . . Majsen och jordbruket; nutids- och framtidsbilder efter officiella uppgifter. 47 p. 18½cm. Stockholm, Centraltryckeriet, 1902. Medföljer Göteborgs handels- och sjöfarts-tidning.

López y Parra, R. . . . La palma del coquito de aceite (elæis melanococca de Gaert ó alphonsia oleifera de Oliva) Su explotación y productos . . . 41 p. 1 pl. 20½ m. México, Imprenta particular de la Sociedad agrícola mexicana, 1902. (Bi-Agr 3-412 blioteca del Boletín de la Sociedad agrícola mexicana)

Maurizio, Adam. Getreide, mehl und brot. Ihre botanischen, chemischen und physikalischen eigenschaften, hygienisches verhalten, sowie ihre beurteilung und prüfung. Handbuch zum gebrauche in laboratorien und zum selbstunterricht für chemiker, müller, bäcker, botaniker und landwirte . . . xiii, 312 p., 2 l., 313-393 p. illus., ii pl. 23cm. Berlin, P. Parey, 1903.

Niederlein, Gustavo. El tabaco . . . (Edición ordenada por el señor Ministro de fomento, Doctor don Juan J. Ulloa G.) 1 p. l., ii, 113 p. 21cm. San José de Costa Rica, Tipografía nacional, 1896. (Biblioteca Niederlein. Monografías agri-Agr 3-277 colas, forestales é industriales)

Oppel, Alwin. Die baumwolle in ihren verschiedenen beziehungen zur weltwirtschaft, dargestellt von Dr. Alwin Oppel. 2 p. l., 50 p. 22cm. Bremen, M. Nössler, 1891. (Einzelbilder aus der weltwirtschaft. Unter besonderer berücksichtigung der geographischen, ethnographischen und kommerziellen verhältnisse. 3. hft.)

Agr 3-220

Oppel, Alwin. Die baumwolle nach geschichte, anbau, verarbeitung und handel, sowie nach ihrer stellung im volksleben und in der staatswirtschaft; im auftrage und mit unterstützung der Bremer baumwollbörse, bearb. und hrsg. von Prof. Dr. A. Oppel . . . xv, 745 p. front., illus., 1 fold. map. $25\frac{1}{2}$ cm. Leipzig, Duncker & Humblot, 1902.

"Litteraturangaben": p. [719]-728.

Pearson, A. N. The beet sugar industry in Victoria . . . 37 p. pl., tab. (partly fold.) 21½cm. Melbourne, R. S. Brain, government printer, 1901.

Agr 3—487

Queensland—Agriculture, Department of—Sugar experiment stations, Bureau of... Report... 1901–1902. 33½–34½cm. [Brisbane, G. A. Vaughan, government printer, 1901–02]

1901, title reads: Annual report.

Rivière, Charles. . . . Les cultures industrielles en Algérie, par Ch. Rivière . . . collaborateurs: M. Barrot . . . M. Godard . . . 137 p., 1 l. pl. 21½cm. Alger-Mustapha, Giralt, imprimeur-photograveur, 1900. (Algérie. [Exposition universelle de 1900])

"Ouvrages consultés": l. at end.

Robinet, P. . . . Les réserves fourragères et l'ensilage en Tunisie . . . 36 p. illus. $24\frac{1}{2}$. Tunis, Société anonyme de l'impr. moderne, 1902. Agr 3—87 At head of title: P. Robinet . . .

Extrait du Bulletin de la Direction de l'agriculture et du commerce (avril 1902)

Sears, John Wilson. The ginseng culturist guide. From seed to market. Ten years' practical experience . . . 20 p. illus. 14cm. [Somerset? Ky., 1902] 2-12934

Sears, John Wilson. Pertinent points on American ginseng. (2d ed. rev.) Its history, nature, use, and value. A valuable plant to cultivate. 39 p. front. (port.) illus. $15\frac{1}{2} \times 15\frac{1}{2}$ cm. [Somerset? Ky., 1902.]

Segond, Pedro. Guía práctica del plantador de tabaco en Costa Rica... Edición ordenada por el señor Ministro de fomento... 1 p. l., 9 p. 20^{cm}. San José de Costa Rica, Tip. nacional, 1896.

Agr 3—398

Shamel, Archibald Dixon. Manual of corn judging . . . 35, [1] p. illus. 23^{cm}. Urbana, Ill., Pub. by the author, 1902.

Trautenau, Versuchsstation für flachsbau und flachsbereitung in. . . . Thätigkeits-bericht . . . für das jahr 1900 . . . tab. $22\frac{1}{2}$ cm. Trautenau, Verlag des Verbandes der Oesterr. flachs- und leinen-interessenten in Trautenau, 1901.

Varlet, J. . . . Les céréales d'Algérie . . . 113 p., 1 l. diagr. (partly fold.) 21½ cm. Alger-Mustapha, Giralt, imprimeur-photograveur, 1900. (Algérie. [Exposition universelle de 1900])

Agr 3—89

8. HORTICULTURE AND LANDSCAPE GARDENING.

Alvargonzález, Calisto. El espárrago, su cultivo, su rendimiento, su porvenir . . . 24 p. illus. 21^{cm}. Gijón [Spain] Imprenta de Mauro, 1902. Agr 3—454

American apple growers' congress. Transactions . . . for the year 1902. Being the proceedings of the first annual meeting held at St. Louis, Mo., Nov. 18–19, 1902 . . . 1 pl. 22^{cm}. Palmyra, Mo., Sosey bros., printers [1902]

American cranberry growers' association. Proceedings of the thirty-third annual meeting . . . held at Dooner's hotel, Philadelphia, Pa., on Wednesday, January 28, 1903. 21½cm. [n. p., 1903]

Bartrum, Edward. The book of pears and plums... With chapters on cherries and mulberries. xii, 96 p. incl. front., illus., pl. 19½cm. London and New York, J. Lane, 1903. ([Handbooks of practical gardening, xi]) 3—7009

Beal, William James. Syllabus for a short course on weeds . . . cover-title, [41]–52 p. 23^{cm}. [n. p., 1897?]

"Books treating of weeds. Bulletins and contributions to journals": p. 49-52.

From the Proceedings of the Society for the promotion of agricultural science, for 1897.

Buffalo, N. Y.—Park commissioners. 33d annual report . . . 23^{cm}. [Buffalo, press of the Buffalo commercial] 1903.

Bunyard, George. Fruit farming for profit, (revised to A. D. 1900). A practical treatise, embracing chapters on all the most profitable fruits, with detailed instructions for successful culture on the Kent system . . . 4th ed. 4 p. l., 200 p. illus. 22cm. Maidstone, W. S. Vivish, printer, 1899.

Advertisements: p. 177-200.

California—Horticulture, State board of. 8th biennial report . . . for 1901–1902. illus. $22\frac{1}{2}$ em. Sacramento, A. J. Johnston, superintendent state printing, 1902.

Dugast, J. . . . Les vins d'Algérie . . . 137 p. 21½cm. Alger-Mustapha, Giralt, imprimeur-photograveur, 1900. (Algérie. [Exposition universelle de 1900])

Agr 3-79

Fitzherbert, S. W. The book of the wild garden . . . vii, 96 p. front., pl. 19½ cm. London and New York, J. Lane, 1903. ([Handbooks of practical gardening, XIII])

Agr 3-577

Gardens old & new; the country house & its garden environment. v. 2. xlv, [1], 284 p. incl. front., illus., pl. $37\frac{1}{2}$ cm. London, Pub. at the offices of Country life; New York, C. Scribner's sons [190-] ([Country life library])

Garey, Thomas A. Orange culture in California. By Thos. A. Garey. With an appendix on grape culture, by L. J. Rose. 227 p. 18½cm. San Francisco, Cal., Pub. for A. T. Garey, printed and sold at the office of the Pacific rural press, °1882. Agr 3—462

Gros, P. . . . Plantes à parfums, agriculture—industrie—commerce . . . 16 p. $21\frac{1}{2}$ cm. Alger-Mustapha, Giralt, imprimeur-photograveur, 1900. (Algérie. [Exposition universelle de 1900])

Hansen, Kristian. Udryddelse af agerkaal. 1 p. l., 11 p. 18^{cm}. Slagelse, "Sorø amtstidendes" bogtrykkeri, 1899.

Agr 3—475
Særtryk af "Sorø amtstidende".

Husmann, George. Grape culture and wine-making in California; a practical manual for the grape-grower and wine-maker . . . ix, [1] p., 2 l., [15]–380 p. illus. 19½. San Francisco, Payot, Upham & co., 1888.

Agr 3—217

Illinois state horticultural society. Transactions . . . for the year 1902, being the proceedings of the 47th annual meeting held at Champaign, December 17, 18 and 19, 1902 . . . new ser., vol. xxxvi . . . front., port., pl. 22^{cm}. Springfield, Pub. by the Society, 1903.

Jekyll, Gertrude. . . . Roses for English gardens . . . xvi, 166 p. front., pl. $23\frac{1}{2}$ cm. London, "Country life" [etc.] 1902. (The "Country life" library) 2—26737 Chapter xvi, Roses in English gardens on the Riviera, by Edward Woodall.

CONTENTS.—pt. I. Old and new garden roses and their beautiful use in gardens, by Gertrude Jekyll.—pt. II. Planting, pruning, and propagating roses; exhibiting, growing under glass, etc., by Edward Mawley.

Kansas state horticultural society, Topeka... The grape in Kansas ... Comp. and rev. for the Kansas state horticultural society, by William H. Barnes, secretary . . . 139 p. front., illus. $23\frac{1}{2}$ cm. [Topeka] Issued by the state, 1901.

M'Mahon, Bernard. American gardener's calendar . . . 9th ed., greatly improved. vii, [9]–613 p. fold. tab. $23\frac{1}{2}$ cm. Philadelphia, A. M'Mahon, 1839. Title-page mutilated.

Massachusetts horticultural society. . . . Schedule of prizes offered . . . for the year 1903 . . . 22cm. Boston, Printed for the Society, 1903.

Massachusetts horticultural society. Transactions . . . for the year 1902. pt. 1. 23^{cm}. Boston, Printed for the Society, 1902.

New York state fruit growers' association. . . . Proceedings of the 1st annual meeting held in the city hall, Syracuse, Wednesday and Thursday, Jan. 8 and 9, 1902. illus. 23cm. [Fayetteville, N. Y., Press of F. E. Ackerman, 1902] "Eastern New York horticultural society. 6th annual meeting . . . 1902": p. [193]-266.

Nova Scotia school of horticulture. Report . . . [1900/01] illus. 24½cm. Halifax, Printed by Holloway bros., 1902.

Orléans, (France), Syndicat du commerce des vins, spiritueux et vinaigres en gros de l'arrondissement d'. . . . La reconstitution du vignoble; rapport sur les vins produits par les cépages américains. 23 p. tab. (partly fold.) $24\frac{1}{2}^{cm}$. Orléans, Impr. P. Girardot, 1890.

Parry, William. Fifty years among small fruits. Telling what and how to plant . . . cover-title, 64 p. illus., 1 pl. 22½cm. [n.p., 1884?]

Agr 3—486

Society of American florists and ornamental horticulturists. Proceedings of the eighteenth annual convention... held at Asheville, North Carolina, August 19th, 20th, 21st and 22d, 1902. front. (port.) 22cm. Boston, c1902.

Terry, Theodore Brainard. The A B C of strawberry culture, for farmers, village people, and small growers. A book for beginners, by T. B. Terry and A. I. Root. 2d ed. rev. and enl. 235 p. illus., diagr. 16cm. Medina, O., The A. I. Root co., 1902.

Ed. 1 has title: How to grow strawberries.

Trabut, Louis. . . . L'olivier en Algérie . . . 80 p. illus. 24½ cm. Alger-Mustapha, Giralt, imprimeur-photograveur, 1900. (Algérie. [Exposition universelle de 1900])

Agr 3—88

Virginia state horticultural society. Report, [4th]-6th annual session . . . 1900-1902. illus. 22-22½cm. Bedford City, Roanoke, [etc.] 1900-02.

Watson, Forbes. Flowers and gardens; notes on plant beauty... Edited, with a preface, by Rev. Canon Ellacombe... xxi, [1], 203, [1] p. front. (port.) $19\frac{1}{2}$ cm. London and New York, J. Lane, 1901.

2d edition.

First ed., London, 1872, edited by J. B. Paton.

White, W. H. The book of orchids . . . xv, 118 p. incl. front., pl. 19½cm. London and New York, J. Lane, 1902. (Handbooks of practical gardening, viii)

Agr 3-427

Whitten, John Charles. Das verhältnis der farbe zur tötung von pfirsichknospen durch winterfrost . . . 35, [1] p. 1 fold. pl. 22^{cm}. Halle a. S., Buchdruckerei des Waisenhauses, 1902.

Inaug.-dis.-Halle-Wittenberg.

Wilder, Marshall Pinckney. Address delivered at the semi-centennial anniversary of the Massachusetts horticultural society, September 12, 1879 . . . 27 p. 24cm. Boston, Franklin press, Rand, Avery & co., 1879.

Wisconsin state cranberry growers' association. . . . 16th annual meeting, Grand Rapids, Wis., January 13, 1903. 21½cm. [Cranmoor, Wis., 1903]

9. FORESTRY.

Allan, J. T. . . . Essay on forest growing . . . 30, [1] p. illus. 21^{cm}. Brownville, Neb., Advertiser book and job office, 1873.

Agr 3—516

At head of title: Nebraska State horticultural society.

Biltmore forest school, Biltmore, N. C. Catalogue . . . fourth year, October 1, 1902 . . . 1 pl. 17cm. [n. p., 1902]

English arboricultural society. Transactions . . . vol. v, pt. 11 . . . port., pl. 21½em. Carlisle, Printed for the Society by G. & T. Coward, 1902-03.

Fernow, Bernhard Eduard. Economics of forestry; a reference book for students of political economy and professional and lay students of forestry . . . xii, 520 p. 19½·m. New York, T. Y. Crowell & co. [1902] ([Library of economics and politics]) "Bibliography": p. 491-507.

Gamble, James Sykes. A manual of Indian timbers; an account of the growth, distribution, and uses of the trees and shrubs of India and Ceylon with descriptions of their wood-structure . . . new and rev.ed. xxvi, 856 p. front., pl. 22^{cm}. London, Sampson Low, Marston & company, limited, 1902.

Great Britain—Agriculture, Board of—Committee on forestry. . . . Report of the departmental committee appointed by the Board of agriculture to inquire into and report upon British forestry; with copy of the minute appointing the committee. Presented to both Houses of Parliament by command of His Majesty. iii, 10 p. 33½cm. London, H. M. Stationery off., 1902.

Agr 3-227

At head of title: Committee on forestry.

Hough, Romeyn Beck. The American woods, exhibited by actual specimens and with copious explanatory text... Pt. 1x. Representing twenty-five species by twenty-five sets of sections. sections 201–225. 23^{cm}. Lowville, N. Y., Pub. and sections prepared by the author, 1903.

India—Bengal—Forest department. Progress report of forest administration in the lower provinces of Bengal for the year 1900–1901 . . . tab. 33½cm. Calcutta, Printed at the Bengal secretariat press, 1901.

India.—Central provinces—Forest department. Report on the forest administration . . . for the year 1900–1901. tab. $32\frac{1}{2}$ cm. [Nagpur, Secretariat press, 1901]

Italy—Agricoltura, industria e commercio, Ministero di. . . . Nomi volgari adoperati in Italia a designare le principali piante di bosco . . . xii, 227 p. 22½ cm. Firenze, Tipografia di G. Barbèra, 1873. (Annali del Ministero di agricoltura, industria e commercio. vol. 60)

Kansas state horticultural society. Second report on forestry . . . 1880. 23^{cm}. Topeka, Kansas, G. W. Martin, Kansas publishing house, 1881.

Kew, Royal gardens. . . . Hand-list of trees and shrubs, excluding conifere, grown in arboretum. (2d ed.) vii, 804 p. 19^{cm}. London, Printed for His Majesty's stationery office, by Darling & son, ltd., 1902.

Pages printed on one side only.

Lefebvre, Henri. . . . Les forêts de l'Algérie, par Henri Lefebvre . . . 2 p. l., 438 p. fold. map. $22\frac{1}{2}$ ^{cm}. Alger-Mustapha, Giralt, imprimeur-photograveur, 1900. (Algérie. [Exposition universelle de 1900])

Lemmon, John Gill. How to tell the trees and Forest endowment of Pacific slope, by John Gill Lemmon . . . also some elements of forestry with suggestions, by Mrs. Lemmon; 1st ser. The cone-bearers. 3 p. l., 66 p. incl. pl. front. $15\frac{1}{2}$ cm. Oakland, Cal., 1902.

Little, James. The timber supply question, of the Dominion of Canada and the United States of America... 23 p. $21\frac{1}{2}$ cm. Montreal, Lovell printing and publishing company, 1876.

Munson, Welton Marks. The distribution of plants in forest regions . . . 16 p. 23^{cm}. Augusta, Kennebec Journal print, 1902.

Extracts from Report of Forest commissioner of Maine, 1902.

New York (state)—Forest, fish and game commission. . . . 8th annual report . . . pl., fold. col. plan. $25\frac{1}{2}$ cm. Albany, J. B. Lyon company, printers, 1903.

Northrop, Birdsey Grant. Economic tree planting . . . 32 p. 22½cm. New York, The O. Judd company, 1878.

Agr 3—519

"Reprinted from the Report of the Connecticut State board of agriculture."

Northrop, Birdsey Grant. The schools of forestry and industrial schools of Europe, with other papers . . . 47 p. $23\frac{1}{2}$ cm. New York, The O. Judd company, 1878.

Richardson, W. The practical timber merchant; being a guide for the use of building contractors, surveyors, builders, &c.; comprising useful tables for all purposes connected with the timber trade, marks of wood, essay on the strength of timber, remarks on the growth of timber, &c., by W. Richardson . . . 2d ed. viii, 247, [1] p. 17cm. London, C. Lockwood and son, 1895.

Roth, Filibert. First book of ferestry . . . ix, 291 p. front., illus. 19^{cm}. Boston and London, Ginn & company, 1902.

South Australia—Woods and forests department. . . . Annual progress report upon state forest administration in South Australia for the year 1901–2 . . . pl., tab. $33\frac{1}{2}$ cm. Adelaide, C. E. Bristow, government printer, 1902.

Stokes, Susan. . . . Ten common trees . . . 108 p. illus. 19cm. New York, Cincinnati [etc.] American book company [1901] (Eclectic school readings)

1-27098

Warder, John Aston. Forestry and its needs. An address delivered before the American forestry association, at its meeting in Washington, D. C. . . . 16 p. 25^{cm}. [n. p.] 1878.

Yale forest school. [Prospectus] . . . 1902–1903. 28 p. front. (map) 21cm. New Haven, The Tuttle, Morehouse & Taylor co., 1902.

10. DOMESTIC ANIMALS.

American Guernsey cattle club. The herd register and breeders' journal of the American Guernsey cattle club. Published quarterly in the interests of the Guernsey, Jan., 1903. vol. XIII, pt. 53. pl. 15 x 23^{cm}. Peterboro, N. H., 1903.

American Hereford cattle breeders' association. The American Hereford record and Hereford herd book. v. 24. clvi, 540 p. front., 4 pl. 26½cm. Columbia, Mo., Press of E. W. Stephens, 1902.

American Poland China record company. Proceedings of the 20th annual meeting . . . held at Cedar Rapids, Iowa, February 10th, 1897. Also report of the Breeder's institute, February 11, 1897. 15cm. Cedar Rapids, Republican printing co., printers and binders [1897]

American short-horn breeders' association. . . . The American short-horn herd book. new ser., v. 53. $23\frac{1}{2}$ cm. Springfield, Ill., Pub. by American short-horn breeders' association, 1902.

American society for the prevention of cruelty to animals. . . . 37th annual report for the year ending December 31, 1902 . . . front., pl., tab. $22\frac{1}{2}$ cm. New York [Press of J. J. Little & co.] 1903.

Axe, J. Wortley. The mare and foal . . . cover-title, 58 p. illus. $21\frac{1}{2}$ cm. London, J. Murray, 1898.

From the Journal of the Royal agricultural society of England, third series, vol. IX., part ii, 1898, $[p.\ 213-270]$

Ayrshire breeders' association. The Ayrshire record, new ser., vol. IX, XI, XIII-XIV. American and Canadian Ayrshire herd record (old ser., vol. XIII, XV, XVII-XVIII) . . . 23½ m. Rutland, Vt., The Tuttle co., printers, publishers and binders, 1893–1902.

Vol. IX, XI: Albany, The Argus company, printers.

Blacklock, Ambrose. A treatise on sheep; with the best means for their improvement, general management, and the treatment of their diseases. With a chapter on wool, and history of the wool trade. 5th thousand. With an additional chapter on the management of sheep in Australia . . . 1 p. l., xiii, 236 p. viii pl. 15cm. London, R. Tyas, 1841.

Brown, Sir George Thomas. Animals of the farm in health and disease . . . 3d ed. 72 p. illus. 21^{cm}. London, J. Murray, 1895.

Agr 3—457

Brown, Sir George Thomas. Dentition as indicative of the age of the animals of the farm . . . 5th ed. 61 p. illus. $21\frac{1}{2}$ cm. London, J. Murray, 1902. Agr 3—458

Cheever, A. W. Stock-husbandry in Massachusetts . . . 24 p. 23½cm. Boston, Wright & Potter printing co., state printers, 1885.

Couput, Gustave. . . . Espèce ovine, par M. Couput . . . en collaboration avec MM. Emery . . . Godard . . . et Laines et industrie lainière, en collaboration avec MM. Schweitzer . . . le cadi de Tlemcen. 164 p. incl. tab. 1 fold. col. map. $21\frac{1}{2}$ cm. Alger-Mustapha, Giralt, imprimeur-photograveur, 1900. (Algérie. [Exposition universelle de 1900])

Dodge, Jacob Richards. . . . Report on sheep and wool . . . 55 p. pl., diagr. $24\frac{1}{2}$ ^{cm}. Washington, Gov't print. off., 1876.

At head of title: Vienna international exhibition, 1873.

Elkington, W. M. Egg and poultry raising at home . . . 4 p. l., 92 p. illus. 18½cm. London, L. U. Gill; New York, C. Scribner's sons, 1902.

Ellenberger, Wilhelm. Handbuch der vergleichenden anatomie der hausthiere. Bearbeitet von Dr. med. und phil. W. Ellenberger . . . und Dr. phil. H. Baum . . . 10. aufl. xvi, 1004 p. illus. 26cm. Berlin, A. Hirschwald, 1903.

Gagzow, Otto. Der kampf um kalt- und warmblut in der pferdezucht der preussichen remonteprovinzen . . . 89, [1] p. 22^{cm}. Posen, Hofbuchdruckerei W. Decker & co., 1902.

Agr 3—554
Inaug.-dis.—Jena.

Galloway cattle society. The Galloway herd book, containing pedigrees of pure-bred Galloway cattle . . . vol. xxIII. 22^{em}. Dumfries, Galloway cattle society, 1903.

Garland, James Albert, jr. The private stable; its establishment, management and appointments. New ed. With additional chapters on hunters and hunting by Harry W. Smith; exhibiting, by Francis M. Ware; hints on driving, supplemented with notes on tandem and four-in-hand driving, by Frederick Ashenden; riding and driving for women, by Miss Belle Beach; observations on riding, by T. C. P. of Toronto . . . xvp., 1 l., 631 p. incl. front. illus., pl. 23cm. Boston, Little, Brown, and company, 1903 [1902]

Georgia—Agriculture, Department of. A manual of sheep husbandry in Georgia. Prepared under the direction of the commissioner of agriculture of the state of Georgia. cover-title, 24 p. $21\frac{1}{2}$ cm. Atlanta, Georgia, J. P. Harrison & co., printers and binders, 1875. ([Circular no. 19])

Gilbey, Sir Walter. . . . The harness horse . . . 3d ed. 43 p. front., pl. 22cm. London, Vinton & co., ltd., 1898.

Gilbey, Sir Walter. Horse-breeding in England and India and army horses abroad . . . 4 p. l., 56 p. front., pl. 22^{cm}. London, Vinton & co., ltd., 1901.

Gilbey, Sir Walter. Horses for the army; a suggestion . . . v, 16 p. 1 fold. plan. $21\frac{1}{2}$ cm. London, Vinton & co., ltd. [1902] Agr 3—468 "Read by the writer before the members of the Bishop Stortford farmers' club on Thursday, 29th May, 1902."

Gilbey, Sir Walter. Riding and driving horses; their breeding and rearing . . . an address delivered . . . in London, on the 2d March, 1885, and discussion thereon by the Duke of Westminster, Earl Carington, Sir Nigel Kingscote, Mr. Edmund Tattersall, and others. Reprint. 2 p. l., 73 p. $22\frac{1}{2}$ cm. London, Vinton & co., ltd., 1901.

[Gouin, André] Les phosphates dans l'alimentation du bétail. 7 p. 21½cm. [Nantes, Impr. Mellinet, Biroché et Dautais, succ^{rs}, 1903]

Agr 3—505
Summary of the investigations of Gouin and P. Andouard.

Gouin, André. Les phosphates dans l'alimentation du bétail, par André Gouin et P. Andouard . . . cover-title, 37 p. tab. $21\frac{1}{2}$ cm. Nantes, Impr. C. Mellinet, Biroché et Dautais, succ^{rs}, 1903.

Grinnell, James Seymour. History of sheep husbandry in Massachusetts. Lecture . . . delivered at the public winter meeting of the Massachusetts State board of agriculture, at Boston, December 2, 1891. With accompanying discussion. 49 p. $23\frac{1}{2}$ ^{cm}. Boston, Wright & Potter printing co., state printers, 1892. Agr 3—471

Hackney horse society. The Hackney stud book . . . v. xx. front., pl. 22^{cm}. London, Pub. by the Hackney horse society, 1903.

Hawaiian live stock breeders' association. The proceedings . . . first annual meeting, Honolulu, Hawaii, November 17–18, 1902. 22½cm. Honolulu, Hawaiian gazette co., 1903.

Hayes, M. Horace. Stable management and exercise; a book for horse-owners and students . . . 2d ed. viii, 424 p. front., illus., pl. 22^{cm}. London, Hurst and Blackett, limited, 1900.

Housman, William. The improved shorthorn. Notes and reflections upon some facts in shorthorn history, with remarks upon certain principles of breeding . . . 60 p. $21\frac{1}{2}$ cm. London, W. Ridgway, 1876.

International Lincoln society. International Lincoln society's register. v. 1. $23\frac{1}{2}$ cm. [n. p.] F. W. Smithson & co., 1902.

Knispel, Oskar. Die öffentlichen massnahmen zur förderung der schweinezucht nach dem stande vom jahre 1902 . . . xvi, 135 p. $23\frac{1}{2}$ cm. Berlin, Deutsche landwirtschafts-gesellschaft, 1903. ([Arbeiten der Deutschen landwirtschafts-gesellschaft, hft. 77])

Lefebure, Henry. Annual illustrated catalogue of royal Belgian draft horses, 1902, imported and bred by Henry Lefebure, Fairfax, Linn county, Iowa . . . 15th year. port., illus. 19½ x 27cm. [Cedar Rapids, Republican printing co.] 1903.

Lehmann, Curt. Die probeschur in Halle a. S. im jahre 1901 . . . 3 p. l., 99 p. illus. 24½cm. Berlin, Deutsche landwirtschafts-gesellschaft, 1902. ([Arbeiten der Deutschen landwirtschafts-gesellschaft. hft. 75])

Live stock journal almanae for 1903. illus., tab. 244cm. London, Vinton & co., ltd. [1903]

McCue, J. J. The hatching season . . . 1 p. l., 7 p. illus., pl. 24½ sm. Sydney, W. A. Gullick, government printer, 1900. (Department of agriculture, Sydney, New South Wales. Miscellaneous publication, no. 398.)

National association of wool manufacturers. Objects and plan of the National association of wool manufacturers: its organization, articles of association, and by-laws; a list of its officers and members and the proceedings of its government. 27, [1] p. 23^{cm}. Boston, Press of J. Wilson and son, 1865.

National French draft horse association. Evidence presented by the National French draft horse association before the Illinois State board of agriculture at Springfield, Ill., Jan. 4, 1888, on the breed and breeding of the draft horse of France. 2 p. l., 60 p. 21½m. Fairfield, Iowa, Tribune [1888]

National French draft horse association. . . . The national register of French draft horses . . . v. vii. $23\frac{1}{2}$ cm. [Fairfield, Iowa] Pub. by the National French draft horse ass'n, 1901.

Perkins, James E. Sheep husbandry in California: a paper presented before the California State agricultural society . . . 15 p. 23^{cm}. San Francisco, Printed by Towne & Bacon, 1863.

Agr 3—488

Rogeron, Gabriel. Les canards, considérés à l'état sauvage et comme oiseaux d'agrément en domesticité; l'élevage des jeunes canards . . . vii, 434, [1] p. front. 20½ Paris, J.-B. Baillière et fils, 1903.

Sheldon, John Prince-, ed. Live stock in health and disease . . . pt. 7–8. illus., pl. (partly col.) 28cm. London, Cassell & company, ltd. [1902]

Shire horse society. The shire horse stud book. v. 24... front., pl. 22cm. London [etc.] Printed for the Society by W. Clowes & sons, limited, 1903.

Société de l'alimentation rationnelle du bétail. Compte rendu du 6^{me} congrès (séances des 12 et 14 avril 1902) tab. 28^{cm}. Paris, Imprimerie nationale, 1902.

Southdown sheep society. The Southdown flock book . . . v. 7. $21\frac{1}{2}$ ^{cm}. Lewes [Eng.] Printed for the Society by W. E. Baxter, limited, 1898.

Underhill, Francis T. Driving for pleasure; or, The harness stable and its appointments, by Francis T. Underhill . . . xi, 158 p. front., 124 pl. 28^{cm}. New York, D. Appleton and company, 1897.

Verband der züchter des Oldenburger eleganten schweren kutschpferdes. Das Oldenburger elegante schwere kutschpferd, 1583–1902. Informirende mittheilungen, hrsg. vom vorstande des Verbandes der züchter des Oldenburger eleganten schweren kutschpferdes. Rodenkirchen i. Oldenburg. 2 p. l., 45 p., 3 l. illus., 14 pl., fold. col. map. 24cm. Oldenburg, Druck von A. Littman [1902?] Agr 3—110

Walley, Thomas. Hints on the breeding and rearing of farm animals . . . 2 p. l., 68 p. illus. 19^{cm}. Edinburgh, Turnbull & Spears [1887]

Agr 3—492

West Virginia wool-growers and sheep breeders association. Addresses on wool-growing and sheep breeding together with the advantages and necessity of wool growers associations, containing also the rules and regulations of the West Virginia wool-growers and sheep breeders association. 23 p. $15\frac{1}{2}$ moundsville, W. Va., Reporter print, 1880.

Winslow, C. M., & son. Ayrshire herd, owned by C. M. Winslow & son, Brandon, Vermont. Milk record for 1890–97, 1900–1902. illus. 18–22½ cm. Brandon, Vt. Brandon pub. company, printers [1891–1903]

Woods, Henry, of Merton, Eng. A lecture on the breeding and management of sheep, delivered before the Wayland agricultural association . . . 2 p. l., 34 p. 21½cm. London, Ridgway and co. [1864]

Zürn, Friedrich Anton. Das pferd und seine rassen; ein lehrbuch für pferdezüchter und pferdefreunde, auch für tierärzte, künstler und kunstgewerbetreibende unter zugrundelegung des nachlasses von Professor Dr. F. A. Zürn, bearb., ergänzt und hrsg. von Dr. Ernst S. Zürn . . . Illustriert von tiermaler J. Bungartz in Lechenich, sowie nach lichtdruckbildern von Dr. E. Mertens & co. in Berlin. 229, [1] p. col. front., illus., pl. (partly col.) port. $25\frac{1}{2}$ cm. Leipzig, H. Seemann, nachfolger, 1902.

11. VETERINARY MEDICINE.

Archer, A. H. Practical veterinary advice for stockowners . . . 2d ed. with appendix. 2 p. l., 78, [5] p. 18^{cm}. London, Vinton & company, ltd., 1901. The last page is numbered 79.

Courtenay, Edward. Manual of the practice of veterinary medicine by Edward Courtenay, M. R. C. V. S. 2d ed. rev. by Frederick T. G. Hobday . . . x, 573 p. 19^{cm}. London, Baillière, Tindall and Cox, 1902. Agr 3—283

Fröhner, Eugen. Lehrbuch der toxikologie für thierärzte... 2. umgearb. aufl. xii, 356 p. 25cm. Stuttgart, F. Enke, 1901.

Great Britain.—Agriculture, Board of—Committee on glanders. Glanders. Report of the Departmental committee appointed . . . for the purpose of conducting experimental investigations with regard to the communicability of the infection of glanders under certain conditions, and as to the arresting and curative powers, if any, of mallein repeatedly administered . . . 22 p. tab. 33cm. London, H. M. stationery off., 1902.

India—Bengal—Civil veterinary department. Annual report of the Civil veterinary department, Bengal, and of the Bengal veterinary college, for the year 1901/1902. tab. 33cm. Calcutta, Printed at the Bengal secretariat press, 1902.

Italy.—Agricultura, industria e commercio, Ministero di. Notizie e documenti sulla cura dell' afta epizootica con le iniezioni endovenose di sublimato corrosivo (metodo del Prof. Guido Baccelli) 290 p. incl. tab. (partly fold.) $23\frac{1}{2}$ cm. Roma, Tipografia nazionale di G. Bertero e c., 1902.

Law, James. Text book of veterinary medicine . . . v. iv. Infectious diseases. 1 p. l., 675 p. 24^{cm}. Ithaca, Pub. by the author, 1902.

Nocard, Éd. Les maladies microbiennes des animaux, par Éd. Nocard : . . et E. Leclainche . . . 3. éd. entièrement refondue et considérablement augm. 2 v. 25^{cm}. Paris, Masson et c^{ie}, 1903.

Reeks, H. Caulton. The common colics of the horse; their causes, symptoms, diagnosis, and treatment. xii p., 1 l., 224 p. 19cm. London, Dublin, Baillière, Tindall and Cox, 1903.

Agr 3—286

Schmidt, Benjamin. The veterinary adviser on the symptoms and treatment of the diseases of domestic animals . . . 146, [4] p. incl. port. 22^{cm}. Piqua, O., Magee bros., printers, 1902.

Sivori, Frédéric. . . . Le surra américain, ou mal de caderas, par Frédéric Sivori et Emmanuel Lecler . . . ii, 79 p., 8 l. 7 col. pl., 44 (i. e. 43) diagr. (partly fold.) 27 cm. Buenos Aires, Impr. du Bureau météorologique, 1902. (República Argentina. Anales del Ministerio de agricultura, tomo I.—número I)

"Bibliographie": p. [76]-79.

Washington (state)—Veterinarian. 4th biennial report . . . for the years ending August 31, 1901, and August 31, 1902. 23cm. Seattle, The Metropolitan press., inc., 1902.

12. DAIRY.

California—Dairy bureau. 4th report . . . 1900–1902. 22½cm. Sacramento, A. J. Johnston, superintendent state printing, 1902.

Long, James. Our trade in dairy produce . . . 72 p. 'tab. $21\frac{1}{2}$ cm. Manchester [Eng.] Co-operative printing society limited, 1892. Agr 3—546 Reprinted (by permission) from the Co-operative wholesale societies' "Annual" for 1892.

Lynch, William H. Scientific dairy practice or profitable dairy agriculture for Canadian farmers... Special ed. pub. for the Parliament of Canada. 143 p. illus. $24\frac{1}{2}$ cm. Ottawa, A. S. Woodburn, 1887.

Norway—*Landbrugsdirektøren.* Aarsberetning angaaende de offentlige foranstaltninger til landbrugets fremme i aaret 1901. III. Ystningsforsøg med Dr. Olav Johan-Olsens ostegjær . . . tab., diagr. $22\frac{1}{2}$ cm. Kristiania, Grøndahl & søns bogtrykkeri, 1903.

Posen (province)—Landwirthschaftskammer—Molkereilehranstalt in Wreschen. Bestimmungen für die ausbildung von meier, meierinnen und lehrlingen, sowie für die teilnahme an den abzuhaltenden molkereikursen an der molkereilehranstalt der landwirtschaftkammer für die provinz Posen zu Wreschen. [4] p. 33cm. n. p. [1902?]

Sturtevant, Edward Lewis. Milk: its typal relations, etc. A lecture before the Vermont dairymen's association, Jan., 1874 . . . 20 p. 22½cm. South Framingham, The J. C. Clark printing company, 1874.

Werenskiold, F. H. Kemiske og fysikalske undersøgelser over fedt af norsk meierismør. F. H. Werenskiold, Sigmund Hals (referent) og Harald Gregg. 30 p. tab. $22\frac{1}{2}$ cm. [n. p., 1901.]

"Særtryk af Aarsberetning ang. de offentlige foranstaltninger til landbrugets fremme i aaret 1901.

Running title: Statens kemiske kontrolstation i Kristiania.

13. PHYSICS.

Beiblätter zu den Annalen der physik [monthly] Bd. 1–24; Jan., 1877–Dec., 1900. illus. 22½cm. Leipzig, J. A. Barth, 1877–1900.

Editors: 1877, J. C. Poggendorff.—1878, G. Wiedemann.—1879–99, G. and E. Wiedemann.—1900, E. Wiedemann.

1877-99, title reads: Beiblätter zu den Annalen der physik und chemie.

"Litteratur-übersicht" with each number.

—— Namenregister zum 1.–15. bde (1877–1891) vi, 200 p. 23^{cm}. Leipzig, J. A. Barth, 1893.

Henning, Fritz. Über radioaktive substanzen . . . 74, [2] p. 5 pl. incl. 3 fold. diagr. 22^{cm}. Halle a S., 1901.

Agr 3—522
Inaug.-dis.—Halle-Wittenberg.

Hinton, A. Horsley. P. O. P., a simple book of instruction in the use of silver printing out paper . . . 134 p. illus. 18^{cm}. London, Hazell, Watson & Viney, ld., 1902. (["The amateur photographer" library. no. 2])

Mathieu, Johann. Ueber die capillarität der lösungen . . . 62 p. illus., tab., diagr. 21½^{cm}. Bonn a. Rh., S. Foppen, 1902.

Agr 3—215
Inaug.-dis.—Bonn.

Todd, Frederick Dundas. A reference book of practical photography . . . [pt. 1] 104 p. front., illus., diagr. 15^{cm}. Chicago, New York, The photo-beacon company, 1901 [°1896]

14. METEOROLOGY.

Dodge, James A. Rain, springs, and wells, a paper read . . . at a meeting of the Santa Barbara society of natural history, November 2nd, 1901. 6 p. 23^{cm}. [Santa Barbara? 1901]

Hanamann, Josef. Der einfluss der meteorologischen factoren auf das gedeihen der zuckerrübe und braugerste . . . cover-title, 40 p. 22^{cm}. [Wien, K. u. K. Hofbuchdruckerei C. Fromme, 1901]

Sonderabdruck aus der "Zeitschrift für das landwirthschaftliche versuchswesen in Oesterreich," 1901.

Hanamann, Josef. Die klimatischen verhältnisse von Lobositz auf grundlage dreissigjähriger meteorologischer beobachtungen der fürstl. Schwarzenberg'schen landwirthschaftlich-chemischen versuchsstation Lobositz . . . 48 p. tab. 26cm. Lobositz, Im verlage der versuchsstation, 1896.

Hopkinson, John. Monthly and annual rainfall in the British Empire, 1877–96... cover-title, [1], [148]–160 p. tab. $24\frac{1}{2}$ cm. [London, 1898] Agr 3–451 "From the Quarterly journal of the Royal meteorological society, vol. xxiv. No. 106. April, 1898."

Lapparent, Albert Auguste Cochon de. Les résultats scientifiques de la campagne du "Fram"... 24 p. 23½cm. Paris, DeSoye et fils, imprimeurs, 1897. Agr 3—452 Extrait du Correspondant.

15. CHEMISTRY AND CHEMICAL TECHNOLOGY.

The Chemical news and journal of physical science. (With which is incorporated the "Chemical gazette." A journal of practical chemistry in all its applications to pharmacy, arts, and manufactures. ed. by William Crookes . . . v. 1-23, 25; Dec. 10, 1859-June 30, 1871, Jan. 5-June 28, 1872. illus. 24½-26cm. London, Henry Gillman [etc.] [1859]-72.

v. 1-2 title reads: Chemical news: with which is incorporated the Chemical gazette, etc.

Classen, Alexander. Quantitative analysis . . . Authorized translation from the fifth German ed. With an appendix on the qualitative analysis of minerals, ores, slags, metals, alloys, etc., including the rare elements. By Norman F. Harriman . . . viii, 540 p. illus. 23½cm. Ann Arbor, Mich., G. Wahr, 1902. 2-27210

Cohn, Alfred Isaac. Tests and reagents chemical and microscopical, known by their authors' names, together with an index of subjects. Compiled for the use of chemists, microscopists, pharmacists, students, etc. . . . 1st ed. 2 p. l., 383 p. 23½cm. New York, J. Wiley & sons; London, Chapman & Hall, limited, 1903.

Dammer, Otto, ed. Handbuch der anorganischen chemie . . . iv. bd. Die fortschritte der anorganischen chemie in den jahren 1892–1902 . . . 25½cm. Stuttgart, F. Enke, 1903.

Encyklopädie der mikroskopischen technik mit besonderer berücksichtigung der färbelehre . . . hrsg. von Prof. Dr. Paul Ehrlich . . . Dr. Rudolf Krause . . . Dr. Max Mosse . . . Dr. Heinrich Rosin . . . Prof. Dr. Carl Weigert . . . Abt. I-II (bogen 1-50) 800 p. illus. 25½cm. Berlin, Wien, Urban & Schwarzenberg, 1903.

Erdmann, Ernst. Beitrag zur kenntniss des kaffeeöles und des darin enthaltenen furfuralkohols . . . 2 p. l., 46 p. tab., diagr. 24^{cm}. Halle a. S., Buchdruckerei des Waisenhauses, 1903. Agr 3-568

Habilitationsschrift-Halle-Wittenberg.

Evans, John Castell-. Physico-chemical tables for the use of analysts, physicists, chemical manufacturers, and scientific chemists. In two volumes, each complete in 24½ London, C. Griffin & company, limited; Philadelphia, itself. v. 1. tab. J. B. Lippincott company, 1902.

CONTENTS.—Chemical engineering and physical chemistry.

Great Britain—Government laboratory. . . . Report of the principal chemist, Government laboratory, upon the work of the laboratory, for the year ended 31st March, 1902, with appendices . . . tab. $33\frac{1}{2}$ cm. London, H. M. Stationery off., 1902.

Hazewinkel, J. J. . . . "Indican—its hydrolysis and the enzyme causing the 1 p. l., 9 p. 26^{cm}. [Amsterdam] 1900. Agr 3-242 At head of title: Koninklijke akademie van wetenschappen te Amsterdam. Reprinted from: Proceedings of the meeting of Saturday, March 31, 1900.

Hubbard, Ernst. The utilisation of wood-waste . . . tr. from the German of the 19cm. London, 2d rev. and enl. ed., by M. J. Salter . . . xvi, 192 p. illus., diagr. Scott, Greenwood & co., 1902.

Jahresbericht über die fortschritte auf dem gesamtgebiete der agrikultur-chemie. 3. folge, iv, 1901. Der ganzen reihe 44. jahrg . . . hrsg. von Dr. A. Hilger . . . und Dr. Th. Dietrich . . . $23\frac{1}{2}$ cm. Berlin, P. Parey, 1902.

"Literatur" at end of sections.

Koller, Theodor. The utilisation of waste products; a treatise on the rational utilisation, recovery, and treatment of waste products of all kinds . . . Tr. from the German, 2d rev. ed., by a technical chemist . . . viii, 279 p. illus., diagr. $22\frac{1}{2}$ cm. London, Scott, Greenwood & co., 1902. 2-26513 London, Chemical society of. Library. A catalogue of the Chemical society. Arranged according to authors, with a subject index. 7, [1], 324 p. 21^{cm}. London, Gurney & Jackson, 1903.

Mayer, Adolf Eduard. Resultate der agrikulturchemie; eine gedrängte übersicht des für die praxis wissenswertesten in gemeinverständlicher form dargestellt für alle studierenden und landwirte . . . viii, 269 p. illus. 23cm. Heidelberg, C. Winter, 1903.

Muir, Matthew Moncrieff Pattison. The story of alchemy and the beginnings of chemistry . . . 185 p. incl. front., illus. • 15½cm. London, G. Newnes, ltd., 1902. ([The library of useful stories])

Naylor, William. Trades waste: its treatment and utilisation. With special reference to the prevention of rivers pollution. A handbook for borough engineers, surveyors, architects and analysts . . . xvi, 267 p. illus., 21 pl., plans, 28 diagr. (partly fold.) 23cm.

"List of publications quoted": p. xvi.

Ostwald, Wilhelm. The principles of inorganic chemistry; by Wilhelm Ostwald. Tr. with the author's sanction by Alexander Findlay . . . xxvii, 785 p. illus., diagr. 23cm. London, New York, Macmillan and co., limited, 1902. 2-24212

Paparelli, Louis. Manufacture of cream of tartar and tartaric acid from grape pomace and wine lees . . . cover-title, 12 p. 20cm. Berkeley, Cal., 1891. Agr 3—571

Parry, Ernest J. The chemistry of pigments, by Ernest J. Parry . . . and John Coste . . . viii, 280 p. diagr. 22cm. London, Scott, Greenwood & co., 1902.

Agr 3—508

Schubart, Philipp Albrecht Moritz. Synthese isomerer indigosulfosäuren . . . 2 p. l., 64, [2] p. 22^{cm}. Halle a. S., E. Karras, 1902.

Agr 3—244
Inaug.-dis.—Halle-Wittenberg.

Schulz, Friedrich N. Die grösse des eiweissmoleküls... viii, 106 p. 24cm. Jena, G. Fischer, 1903. (*His* Studien zur chemie der eiweissstoffe. 2. hft.)

Agr 3-434

Villon, A. M. Dictionnaire de chimie industrielle, contenant les applications de la chimie à l'industrie, à la métallurgie, à l'agriculture, à la pharmacie, à la pyrotechnie et aux arts et métiers, par MM. A. M. Villon . . . P. Guichard . . . t. 3, fasc. 36. front., illus. 29^{cm}. Paris, B. Tignol [1902]

Completes the work.

Wangerin, Albert i. e. Carl Albert. Über die titration des indigos mit hydrosulfit und über die bildung von indigo aus phenylglycin-o-carbonsäure . . . von Albert Wangerin . . . 72 p. 22^{cm}. Halle a. S., E. Karras, 1902.

Agr 3—245
Inaug.-dis.—Halle-Wittenberg.

Warington, Robert. . . . The chemistry of the farm . . . 16th ed. (4th revision) v p., 1 l., 253 p. 18½cm. London, Vinton & co., ltd., 1902. (Morton's handbooks of the farm. no. 1)

Wells, Harry Edward. Ein beitrag zur kenntnis der tautomeren formen des dibenzoylmethans . . . 31 p. 22½cm. Leipzig-R., Druck von O. Schmidt, 1897. Inaug.-dis.—Leipzig.

16. FOODS AND BEVERAGES AND DOMESTIC ECONOMY.

Allen, Thomas Grant. The chemistry of foods. Syllabus of a course of eight lecture-studies . . . [9] p., 1 l. 19½cm. [Chicago] Published by the institute [Armour institute] 1895.

Agr 3—125

"Books": p. [9]

Allen, Thomas Grant. . . . Our food: its composition and nutritive value; syllabus of a course of six lecture-studies . . . 29 p. 19½cm. Chicago, The University of Chicago press, 1896. (The University of Chicago. The university extension. The lecture-study department. no. 89)

Atkinson, Edward. The Aladdin oven. The tub oven. How to save coal . . . 14 p. illus. 19cm. Boston, 1902. Agr 3—411

Braun, Emil. Perfection in baking. By Emil Braun. General rules and instructions in all branches of American baking . . . 5th ed. (Rev. and enl.) 111 p. illus. 23½cm. New York, J. S. Ogilvie publishing company [1900]

Burnet, Robert William. Foods and dietaries: a manual of clinical dietetics . . . 3d ed. x, 200 p. 20^{cm}. London, C. Griffin & company, limited, 1896. Agr 3—127

Church, Arthur Herbert. Food; some account of its sources, constituents and uses . . . viii, 252 p. 19½cm. [London] Pub. for the committee of council on education by Chapman and Hall, ld., 1893. ([South Kensington museum science handbooks])

Deming, O. L., ed. Science and experiment as applied to canning . . . 2 p. l., 11–172 p. front., illus., diagr. $23\frac{1}{2} \times 18\frac{1}{2}$ cm. Chicago, Sprague canning machinery co. [1902]

Fothergill, John Milner. A manual of dietetics . . . viii, 255 p. 23½cm. London, H. K. Lewis, 1886.

Agr 3—246

Great Britain—Agriculture, Board of. . . . Report on the Dutch brined vegetable industry . . . 32 p. pl. 24½cm. London, H. M. Stationery off., 1902. Agr 3—410

Great Britain—Agriculture, Board of—Intelligence division. . . . Annual report of proceedings under the sale of food and drugs acts, 1875 to 1899, the merchandise marks acts, 1887 to 1894, the fertilizers and feeding stuffs act, 1893, and the Board of agriculture act, 1889 . . . for the year 1901. tab. $24\frac{1}{2}$ cm. London, H. M. Stationery off., 1902.

Green, Mary E. Food products of the world... ed. and illustrated by Grace Green Bohn. 3d éd. xi, 249, vii p. illus. 20°m. Chicago, The hotel world, 1902.

Hamann, Georg. Die backfähigkeit des weizenmehles und ihre bestimmung . . . 3 p. l., 120 p. incl. tab. 23½cm. Heidelberg, C. Winter, 1901. Agr 3—128

Hanamann, Josef. Beiträge zur geschichte des bieres. 93 p. 17½ en. Prag, Buchdruckerei Dr. J. B. Pichl & co., Verlag der "Oesterreichischen brauer- und hopfen-zeitung", 1892.

Separatabdruck aus der "Oesterreichischen brauer- und hopfen-zeitung", jahrg. v.

Hausner, A. The manufacture of preserved foods and sweetmeats; a handbook of all the processes for the preservation of flesh, fruit, and vegetables, and for the preparation of dried fruit, dried vegetables, marmalades, fruit-syrups, and fermented beverages and of all kinds of candies, candied fruit, sweetmeats, rocks, drops, dragées, pralines, etc. . . . Tr. from the German of the 3d enl. ed., by Arthur Morris and Herbert Robson . . . viii, 223, [1] p. illus. 19cm. London, Scott, Greenwood & co., 1902.

Kentucky—State college—Agricultural experiment station. [1st]-2d report . . . on adulterated food products . . . tab. $22\frac{1}{2}$ cm. Louisville, G. G. Fetter printing co., 1900-1902.

[1st] Lexington, 1900.

[1st] is Bulletin no. 86 of the Kentucky agricultural experiment station and title reads: Inspection and analyses of foods

Leach, Albert E. Character and extent of food and drug adulteration in Massachusetts, and the system of inspection of the State board of health . . . cover-title, 22–40 p. pl., diagr. 26cm. [n. p., 1900.]

Agr 3–570

Read before the Society of arts, Dec. 28, 1899.

Reprinted from Teehnology quarterly, vol. XIII, no. 1, March, 1900.

FOODS. 35

Lincoln, Mary Johnson (Bailey) "Mrs. D. A. Lincoln". The home science cook book, by Mary J. Lincoln and Anna Barrows . . . ix, 281 p. 20^{cm}. Boston, Home science publishing company, 1902.

Manget, Charles. Tableaux synoptiques pour l'analyse et l'examen des conserves alimentaires . . . 88 p. illus., diagr. 18^{cm}. Paris, Librairie J.-B. Baillière et fils, 1902.

Moor, Cresacre George. Suggested standards of purity for foods and drugs . . . viii, [17]–260 p. 18½cm. London, Baillière, Tindall and Cox, 1902. Agr 3–243

Ontario—Farmer's institutes, Superintendent of. Hand-book for the use of women's institutes in Ontario . . . illus. $21\frac{1}{2}$ cm. Toronto, Department of agriculture [1903?]

Pereira, Jonathan. A treatise on food and diet: with observations on dietetical regimen suited for disordered states of the digestive organs; and an account of the dietaries of some of the principal metropolitan and other establishments for paupers, lunatics, criminals, children, the sick, &c. . . . Edited by Charles A. Lee, M. D. xvi, 320 p. 23cm. New York and Boston, Fowlers & Wells [1843]

Potts, H. W. . . . Bacteriological examination of water at the butter factories . . . 6 p. $21\frac{1}{2}$ melbourne, R. S. Brain, government printer, 1901.

At head of title: Department of agriculture, Victoria.

Reichert, Friedrich Heinrich. Einiges über die beziehungen zwischen klebergehalt und backfähigkeit. 2 p. l., 70, [2] p. tab. 26cm. Halle a. S., 1902. Agr 3—312 Inaug.-dis.—Halle-Wittenberg.

Rubin, Marcus. Consommation de familles d'ouvriers danois . . . 1 p. l., 84 p. tab. 26^{cm}. Rome, Imprimerie nationale de Bertero et c., 1902. Agr 3—313 Extrait du Bulletin de l'Institut international de statistique, tome XIII, 3ème livraison.

Sellnick, H. Das artopton. Anweisung zu dessen gebrauch um backversuche zu machen . . . cover-title, 16 p. illus. $20\frac{1}{2}$ cm. Leipzig-Plagwitz, Buchdruckerei E. Stephan [189–?]

Sellnick, H. Über backfähigkeit der mehle nnd back-versuche von mehl und kleber . . . 16 p. 20 x 11^{cm}. [Leipzig, G. Reusche, 1898]

Agr 3—131

"Sonder-abdruck aus der fachzeitschrift 'Deutscher müller'."

Sommerfeld, Paul. Die chemische und kalorimetrische zusammensetzung der säuglingsnahrung. . . 26 p. incl. tab. 25½cm. Stuttgart, F. Enke, 1902. Agr 3—132

Steel, Flora Annie. The complete Indian housekeeper & cook; giving the duties of mistress and servants, the general management of the house and practical recipes for cooking in all its branches, by F. A. Steel & G. Gardiner. New ed. xiv, 373 p. 19^{cm}. London, W. Heinemann, 1902.

United States—Nary dept.—Paymaster general. General mess manual and cookbook for use on board vessels of the United States navy. Prepared under the direction of the Paymaster general. Pub. by authority of the secretary of the navy. 32 p. 20½cm. Washington, Gov't print. off., 1902.

Vandevelde, A. J. J. . . . Over de doseering van de kleefstof in tarvemeel. Door Dr. A. J. J. Vandevelde en F. Leperre . . . 5 p. 27^{cm}. [Brugge, Drukk. Witteryek-Delplace, 1901]

Overgedrukt uit de "Handelingen van het 5. Vlaamsch natuur- en geneeskundig congres", gehouden te Brugge op 29 september 1901.

Vandevelde, A. J. J. . . . Over het opzoeken en doseeren van tin in voedingsmiddelen . . . 4 p. 26½ cm. [Kortrijk, E. Beyaert, drukker, 1902] Agr 3—514 Overgedrukt uit de "Handelingen van het 6. Vlaamsch natuur- en geneeskundig congres", gehouden te Kortrijk op 28 september 1902.

Wichmann, Fritz Johann Robert. Der kampf um die weinverbesserung im Deutschen reiche. Ein beitrag zur wirtschaftsgeschichte der gegenwart nebst einer produktions-statistik über den deutschen weinbau . . . 2 p. l., 43, [1] p. $23\frac{1}{2}$ m. Jena, G. Fischer, 1902.

Inaug.-dis.-Jena.

"Mit genehmigung der hohen fakultät erseheint hier nur ein teil der eingereichten arbeit. Die ganze abhandlung erscheint im verlage von Gustav Fischer in Jena als fünftes heft der abhandlungen des Staatswissenschaftlichen seminars, herausgegeben von Prof. Dr. Pierstorff."

17. BACTERIA AND FERMENTATION.

Buhlert, H. Untersuchungen über die arteinheit der knöllchenbakterien der leguminosen und über die landwirtschaftliche bedeutung dieser frage . . . 55 p. tab. 22^{cm}. Halle a. S., Druck von Wischan & Wettengel, 1902.

Agr 3—403
Habitationsschrift—Halle-Wittenberg.

Green, Joseph Reynolds. The soluble ferments and fermentation . . . 2d ed. xv, [1], 512 p. 23cm. Cambridge, At the University press, 1901. ([Cambridge natural science manuals. Biological series])

"Bibliography": p. 463-504.

Griffiths, Arthur Bower. . . . A manual of bacteriology . . . xv, 348 p. incl. front., illus. 17½cm. London, W. Heinemann, 1893. (Heinemann's scientific handbooks. [v])

Hiltner, L. Neue untersuchungen über die wurzelknöllchen der leguminosen und deren erreger. Von . . . L. Hiltner . . . und K. Störmer . . . [pt.] 1-4. illus., pl. 27cm. Berlin, P. Parey [etc.] 1903.

Sonderabdruck aus "Arbeiten aus der Biol. abtheilung für land- u. forstwirthsehaft am Kaiserl. gesundheitsamte." Bd. III, hft. 3, 1903.

CONTENTS.—1. Die bisherigen erfolge bei der praktisehen anwendung der reinkulturimpfung zu leguminosen.—2. Ueber das wesen und die bedeutung der bakteroidenbildung.—3. Ueber die abhängigkeit des impferfolges von der beschaffenheit des impfmaterials.—4. Ueber einige besonders wichtige versuche des jahres 1902 zur vervollkommnung des impfverfahrens.

India—Imperial bacteriologist. Annual report . . . for the year 1898-99, 1899-1900. 34^{cm}. Calcutta, Office of the Superintendent of government printing, 1899-1900.

Kolle, W. Handbuch der pathogenen mikroorganismen . . . hrsg. von Prof. Dr. W. Kolle und Prof. Dr. A. Wassermann . . . Text, 6.-7., 9. lief. illus. $25\frac{1}{2}$ cm. Jena, G. Fischer, 1902.

Bibliographies at end of sections.

Lafar, Franz. Technical mycology: the utilization of micro-organisms in the arts and manufactures. A practical handbook on fermentation and fermentative processes for the use of brewers and distillers, analysts, technical and agricultural chemists, pharmacists, and all interested in the industries dependent on fermentation . . . Tr. by Charles T. C. Salter. v. 2, pt. 1. viii, 189 p. illus., 1 fold. tab. 22cm. London, C. Griffin and company, limited; Philadelphia, J. P. Lippincott company, 1903

CONTENTS.—Eumycetic fermentation

Matzuschita, Teïsi. Zur physiologie der sporenbildung der bacillen, nebst bemerkungen zum wachstum einiger anaëroben. 115, [2] p. 2 col. pl. 24^{cm}. Halle a. S., C. A. Kaemmerer & co., 1902.

Inaug.-dis.-Halle-Wittenberg.

Morck, Dietrich. Über die formen der bakteroiden bei den einzelnen spezies der leguminosen . . . 2 p. l., 43, [1] p. v pl. 23_2^{lcm} . Leipzig, Akademische buchhandlung (W. Faber) 1891.

Inaug.-dis.-Le'pzig.

Muir, Robert. Manual of bacteriology, by Robert Muir... and James Ritchie... American ed. (with additions), rev. and ed. from the 3d English ed. by Nor-

man MacLeod Harris . . . xx p., 1 l., 565 p. illus. 23^{cm}. New York, The Macmillan company; London, Macmillan & co., ltd., 1903.
"Bibliography": p. 534-552.

Nicolle, M. Traité de technique microbiologique à l'usage des médecins et des vétérinaires, par les docteurs M. Nicolle . . . et P. Remlinger . . . avec une préface du Dr Roux . . . avec 211 figures dans le texte. xii, 1034 p. illus. 18½cm. Paris, O. Doin, 1902.

Schenk, S. L. Elements of bacteriology for practitioners and students, with especial reference to practical methods . . . tr. from the German (by the author's permission) with an appendix, by W. R. Dawson . . . xiv, 310 p. illus. $22\frac{1}{2}$ cm. London and New York, Longmans, Green, and co., 1893.

Vandevelde, A. J. J. . . . Note sur la présence de la catalase dans les liquides physiologiques, par le D^r A. J. J. Vandevelde . . . Avec la collaboration de H. Schoenfeld et du D^r G. Leboucq. 11 p. $22\frac{1}{2}$ [Gand? 1901.] Agr 3—511 Extrait des Annales de la Société de médecine de Gand, 1901.

Vandevelde, A. J. J. . . . Over de verspreiding van de catalase in het menschelijk lichaam, door D^r A. J. J. Vandevelde (Gent), met medewerking van H. Schænfeld en G. Leboucq. 7 p. 27^{cm}. [Brugge, Drukk. Witteryck-Delplace] 1901.

Overgedrukt uit de "Handelingen van het 5. Vlaamsch natuur- en geneeskundig congres," gehouden te Brugge op 29 september 1901.

Wohltmann, Ferdinand. . . . Die knöllchen-bakterien in ihrer abhängigkeit von boden und düngung. Von geh. regierungsrat Prof. Dr. Wohltmann, mit assistenz des Herrn Bergené. [377]–395 p. tab. 22^{cm}. Berlin, P. Parey, 1902. (III. bericht aus dem Institut für bodenlehre und pflanzenbau der Landw. akademie Bonn-Poppelsdorf.)

Sonderabdruck. Journal für landwirtschaft.

18. MEDICINE, HYGIENE, AND PHARMACY.

The British and colonial druggist's diary. 1903. $27\frac{1}{2}$ cm. London [1902]

Brundage, Albert Harrison. A manual of toxicology; a concise presentation of the principal facts relating to poisons, with detailed directions for the treatment of poisoning. Also a table of doses of the principal and many new remedies . . . 2nd ed., rev. and enl. 1 p. l., viii, 375 p. incl. tab. (partly fold.) $17\frac{1}{2}$ cm. New York, The H. Harrison co.; London, Baillière, Tindall & Cox, 1902.

Congrès international d'hygiène et de démographie. 10th, Paris, 1900. . . . Compte rendu, publié par le secrétariat général du congrès. 2 p. l., 1070 p., 1 l. diagr. $25\frac{1}{2}$ cm. Paris, Masson et c^{ie} [1901] 2—24222

At head of title: Xº Congrès international d'hygiène et de démographie à Paris en 1900.

Connecticut—Health, State board of. . . . 23d annual report . . . for the year 1900 . . . pl. (partly fold.) map, tab. 22cm. New Haven, The Tuttle, Morehouse & Taylor company, 1901.

District of Columbia—*Health department.* . . . Report . . . 1902. 5 fold. maps, tab. $23\frac{1}{2}$ ^{cm}. Wash., Gov't print. off., 1903.

Dymock, William. Pharmacographia Indica. A history of the principal drugs of vegetable origin, met with in British India. By William Dymock . . . C. J. H. Warden . . . and David Hooper . . . 3 v. $22\frac{1}{2}$ cm. London, K. Paul, Trench, Trübner & co., ld.; [etc., etc.] 1890–93.

Issued in 6 parts, 1889–93. Vol. III has no general t.-p.

Encyklopädie der hygiene; hrsg. von Prof. R. Pfeiffer . . . Prof. B. Proskauer . . . unter mitwirkung von Dr. phil. et med. Carl Oppenheimer . . . lfg. 1-2. $27_2^{1\text{cm}}$. Leipzig, F. C. W. Vogel, 1902.

Foo & Wing herb company . . . The science of oriental medicine, its principles and methods . . . A guide to health, compiled by the Foo & Wing herb company, incorporated. 296, [8] p. incl. illus., facsim. front. 19cm. [Los Angeles, Cal.] The Foo & Wing herb co. [1902].

(Treatise no. six.)

Henslow, George. Medical works of the fourteenth century, together with a list of plants recorded in contemporary writings, with their identifications . . . xv, 278 p. facsim. $22 \times 17^{\frac{1}{2}\text{cm}}$. London, Chapman and Hall, ld., 1899. Agr 3—250 The first part consists of annotated transcripts of four English manuscripts of the fourteenth century.

Koch, Robert. . . . Framboesia tropica und tinea imbricata . . . cover-title, 6 p. v pl. $23\frac{1}{2}^{\text{cm}}$. Wien und Leipzig, W. Braumüller, 1902. Agr 3—251
Archiv für dermatologie und syphilis, LIX. bd., 1 hft. Sonderabdruck.

Koch, Robert. Uebertragbarkeit der rindertuberkulose auf den menschen . . . cover-title, 18 p. 21^{cm}. Leipzig, G. Thieme, 1902. Agr 3—252
Sonderabdruck aus der "Deutschen medicinischen wochenschrift" 1902, no. 48.

Kraemer, Henry. A course in botany and pharmacognosy... illustrated with plates from original drawings by the author. 384 p. incl. pl. 20cm. Philadelphia [Press of E. Stern & co., inc.] 1902.

Lyons, Albert Brown. Handbook of practical assaying of drugs and galenicals. 237, [8] p. illus. 17^{cm}. Detroit, Nelson, Baker & co., 1899. Feb. 9, 99—37

Mittheilungen aus der Königlichen prüfungsanstalt für wasserversorgung und abwässerbeseitigung zu Berlin. Hrsg. von Dr. A. Schmidtmann . . . und Dr. Carl Günther . . . hft. 1. $23\frac{1}{2}$ ^{cm}. Berlin, A. Hirschwald, 1902.

Quebec—Health, Board of. Eighth annual report . . . for the year ending June 30th, 1902. (Translation) illus., pl. 25cm. Quebec, C. Pageau, printer to His most excellent Majesty the King, 1902.

Rosenau, Milton J. Disinfection and disinfectants; a practical guide for sanitarians, health and quarantine officers, by M. J. Rosenau . . . xii, 17–353 p. incl. illus., pl., diagr. 21^{cm}. Philadelphia, P. Blakiston's son & co., 1902. 2—22205

Schmaus, Hans. A text-book of pathology and pathological anatomy . . . Tr. from the 6th German ed., by A. E. Thayer . . . Ed. with additions by James Ewing . . . xii, 17–602 p. illus., col. pl. 25cm. Philadelphia and New York, Lea brothers & co., 1902.

Schneider, Albert. Powdered vegetable drugs . . . 2 p. l., 323 p. illus. 20^{cm}. Pittsburgh, Pa., Calumet publishing company, 1902. 2—29600

Toulouse, Université de. [Bulletin] [no. 15] $23\frac{1}{2}$ cm. Toulouse, Impr. et librairie É. Privat, 1902.

CONTENTS.—Doumergue, M. E. Projet d'exposition et de eongrès antialeoolique et antituberculeux pour les quatre universités du Midi, Aix-Marseille—Bordeaux—Montpellier—Toulouse.

Tschirch, Alexander. . . . Neue untersuchungen über die abführmittel, welche emodine enthalten. Vortrag, gehalten auf dem 1x. internationalen pharmaceutischen congresse in Paris . . . 6 p. diagr. $22\frac{1}{2}$ cm. [Wien, Verlag der wochenschrift "Pharmaceutische post," 1900]

Sonder-abruck aus der "Pharm. post," 1900, nr. 40.

Tschirch, Alexander. . . . Ueber die aloë. Vortrag, gehalten in der pharmaceutischen section der Naturforscherversammlung in Hamburg . . . 7 p. 22^{cm}. [Wien, Verlag der wochenschrift "Pharmac. post," 1901]

Agr 3—135

Sonder-abruck aus der "Pharm. post," 1901, ur. 46.

Tschirch, Alexander. . . . Ueber die copaivabalsame . . . 4 p. $22\frac{1}{2}$ cm. lin, Druck von Denter & Nicolas, 1901] Agr 3-136

Sonderabruck aus der Apotheker-zeitung, 1901, no. 80.

Tschirch, Alexander. . . . Versuch einer wertbestimmung der senna und anderer drogen, welche oxymethyl-anthrachinone enthalten. Von A. Tschirch und E. Hiepe. 3 p. 22½cm. [Wien, Verlag der wochenschrift "Pharmaceutische post," Agr 3-137

Sonder-abdruck aus der "Pharm. post," 1901, nr. 9.

Vandevelde, A. J. J. . . . De berekning van de alcoholopbrengst in de stok-... [17]-21 p. 1 diagr. $26\frac{1}{2}$ cm. [Gent, 1898] Overgedrukt uit de "Handelingen van het 2. Vlaamsch natuur- en geneeskundig congres", gehouden te Gent op 28 augustus 1898.

Vandevelde, A. J. J. Détermination du pouvoir toxique des alcools monoatomiques par la plasmolyse . . . [123]-132 p. 25^{cm}. [Gand, Impr. G. Eylenbosch, 19007 Agr 3-510

Extrait, Archives internationales de pharmacodynamie et de thérapie. vol. VII, fasc. 1 & 2.

Vandevelde, A. J. J. Une nouvelle méthode de détermination du pouvoir toxique 16 p. $22^{1 \text{cm}}$. Gand, Impr. E. vander Haeghen, 1900. Agr 3-512 "Extrait des Annales de la Société de médecine de Gand."

Weyl, Theodore, ed. Handbuch der hygiene . . . 2. sup.-bd., 1.-3. lfg. illus., plans. 26cm. Jena, G. Fischer, 1902.

Contents.—lfg. 1. Ritgen, O. v. Der schutz der städte vor schadenfeuer.—lfg. 2. Bredtschneider, A. Das trennsystem.—lfg. 3. Bruhns, C. Hygiene der barbierstuben.

"Litteratur": lfg. 1, p. 100-101; lfg. 2, p. 139; lfg. 3, p. 147, 154-158, 175-176.

Winslow, Charles-Edward A. . . . A statistical study of the fatality of typhoid fever at different seasons . . . 2 p. l., [103]-125 p. - tab. 23^{cm}. Boston, American statistical association, 1902. (Quartérly publications of the American statistical association. new ser., no. 59 (vol. viii) September, 1902)

Wood, Horatio Curtis. Therapeutics; its principles and practice . . . 11th ed., remodelled and in greater part rewritten by H. C. Wood, and H. C. Wood, jr. xxxiii, 850 p. illus. 24½cm. Philadelphia & London, J. B. Lippincott co., 1900.

July 26, 1900-208

19. NATURAL HISTORY.

American museum of natural history, N. Y. city. List of papers published in the Bulletin and Memoirs of the American museum of natural history, vol. I-XVI, 1881–1902. 32 p. $24\frac{1}{2}$ cm. New York, Pub. by the Museum, 1902.

Blanchard, Émile. La géographie enseignée par la nature vivante . . . 193-205, 22cm. [Paris, 1878] Agr 3-565 Extract from Association scientifique de France. Bulletin hebdomadaire, no. 557-558, 7-14 juillet,

Cap, Paul Antoine Gratacap, called. Le muséum d'histoire naturelle; histoire de la fondation et des développements successifs de l'établissement; biographie des hommes célèbres qui y ont contribué par leur enseignement ou par leurs découvertes, histoire des recherches, des voyages, des applications utiles auxquels le muséum a donné lieu, pour les arts, le commerce et l'agriculture, description des galeries, du jardin, des serres et de la ménagerie . . . 4 p. l., 180, 238, [1] p. col. front., illus., pl. (partly col.) port., plans (partly fold.) 28cm. Paris, L. Curmer, 1854. (Les trois règnes de la nature. Introduction) Agr 3-530

Contents.—1. ptie. Histoire du muséum.—2. ptie. Description.

Field Columbian museum, Chicago, Ill. Guide to the Field Columbian museum, with diagrams and descriptions. 5th ed. 277 p. plans. 19½cm. Chicago, 1897–98.

Glasgow, Natural history society of. Transactions . . . (including the Proceedings of the Society) vol. v (new ser.) pt. III-vol. vI (new ser.) pt. II: 1898/991900/01. illus., 4 pl., fold. map, tab. (partly fold.) 22cm. Glasgow, Pub. by the Society, 1900-02.

"Bibliography [of white cattle; by R. Hedger Wallace]": vol. v, p. 436-457.

Hamburg, Naturwissenschaftlicher verein in. Abhandlungen aus dem gebiete der naturwissenschaften . . . xvn. bd. Inhalt: Über den mechanismus des hydrodynamischen widerstandes. Von Dr. Fr. Ahlborn. xvi pl. incl. diagr. 27cm. Hamburg, L. Friederichsen & co., 1902.

Illinois state laboratory of natural history. . . . Biennial report of the director for 1899-00. 23cm. Urbana, 1901.

Innsbruck, Naturwissenschaftlich-medizinischer verein in. Berichte . . . 27. jahrg.; 1901/02. xxviii, 186 p. incl. tab. front. (port.) 22^{cm}. Innsbruck, Verlag der Wagner'schen universitäts-buchhandlung, 1902.

Nassauischer verein für naturkunde. Jahrbücher . . . jahrg. 55. 2 col. pl. 23cm. Wiesbaden, J. F. Bergmann, 1902.

Naturhistorischer verein der preussischen Rheinlande, Westfalens und des reg.-bezirks Osnabrück. Verhandlungen . . . 59. jahrg. 1902. 1. hälfte. illus., 3 pl. incl. fold. map. 22½ m. Bonn, In kommission bei F. Cohen, 1902.

Naturwissenschaftlicher verein für Schwaben und Neuburg. 35. bericht . . . iii pl. (partly fold.) 22cm. Augsburg, Druck von P. J. Pfeiffer, 1902.

New York (state)—Museum. . . . 54th annual report of the regents, 1900; vol. 2, 4: museum bulletins 35-36, 45-48 . . . illus., pl. (partly col.), maps (partly fold.) diagr. 23cm. Albany, University of the state of New York, 1902.

"Partial bibliography of the geology of Niagara and the Great lakes": p. 253-262.

Bulletins no. 46-47, "Scale insects of importance" and "Aquatic insects in the Adirondacks," contain bibliographies.

"Bibliography [pleistocene geology of . . . Nassua co. and borough of Queens]": p. 664.

Niederrheinische gesellschaft für natur- und heilkunde zu Bonn. Sitzungsberichte . . . 1902. 1. hälfte. iii fold. pl. $22\frac{1}{2}$ cm. Bonn, In kommission bei F. Cohen, 1902.

Nuremberg. Naturhistorische gesellschaft zu Nürnberg. Abhandlungen... 14. bd. Jahresbericht für 1901. pl. 21cm. Nürnberg, U. E. Sebald, 1902.

Nuremberg. Naturhistorische gesellschaft zu Nürnberg. Jahresbericht . . . für 1900. 21^{cm}. Nürnberg, Druck von U. E. Sebald, 1902.

Osnabrück, Naturwissenschaftlicher verein zu. 14. jahresbericht . . . für die jahre 1899 und 1900. 1 pl., fold. diagr. 22^{cm}. Osnabrück, In kommission der Rackhorst'schen buchhandlung, 1901.

Pollichia, ein naturwissenschaftlicher verein der Rheinpfalz. Mitteilungen . . . no. 15-17. LIX. jahrg. 1902. illus., pl., fold. maps, diagr. $22\frac{1}{2}$ cm. Dürkheim a. d. Haardt, Buchdruckerei von J. Rheinberger, 1902.

Zürich, Naturforschende gesellschaft in. Vierteljahrsschrift . . . Unter mitwirkung der Herren Prof. Dr. A. Heim und Prof. Dr. A. Lang, hrsg. von Dr. Ferdinand Rudio . . . 47. jahrg. 1902, 1. und 2. hft. front. (port.), illus., fold. map, diagr. (partly fold.) 23½ m. Zürich, In kommission bei Fäsi & Beer, 1902.

20. PALEONTOLOGY AND GEOLOGY.

Algeria—Mines, Service des. . . . Notice minéralogique, par le Service des mines. 92 p. incl. tab. 21½cm. Alger-Mustapha, Giralt, imprimeur-photograveur, 1900. (Algérie. [Exposition universelle de 1900])

Cuvier, Georges Léopold Chrétien Frédéric Dagobert, baron. Recherches sur les ossemens fossiles, où l'on rétablit les caractères de plusieurs animaux dont les révolutions du globe ont détruit les espèces . . . 3. éd. 5 v. in 7. front. (port.) 276

pl. (partly fold.) 2 maps (1 fold.) 1 fold. tab. $32\frac{1}{2}$ cm. Paris et Amsterdam, G. Dufour et E. d'Ocagne, 1825.

Vol. I contains his "Discours sur les révolutions de la surface du globe, et sur les changemens qu'elles ont produits dans le règne animal," with "Appendice . . . Détermination des oiseaux nommés ibis par les anciens Égyptiens." 196 p. vi pl., 1 fold. tab.

Dal, Adolf. Indberetning . . . om en reise sommeren 1901 før at studere torvdrift i forskjellige europæiske lande. 20 p. pl. $27\frac{1}{2}$ cm. Kristiania, Centraltrykkeriet, 1902.

Egypt—Public works ministry—Survey department. . . . Geological survey report, 1900. pt. II. The cretaceous region of Abu Roash near the pyramids of Giza, by Hugh J. L. Beadnell . . . xiii pl. incl. ii maps (partly fold. and col.) viii sections. 27^{cm}. Cairo, National printing department, 1902.

Fenneman, N. M. . . . On the lakes of southeastern Wisconsin . . . front., illus., pl., maps, diagr. 23^{cm}. Madison, Pub. by the state, 1902. (Wisconsin geological and natural history survey . . . Bulletin no. VIII. Educational series no. 2)

Jahrbuch für das berg- und hüttenwesen im Königreiche Sachsen. jahrg. 1902. (Statistik vom jahre 1901) Auf anordnung des Königlichen finanzministeriums hrsg. . . . illus., xxiii pl. (partly fold.) incl. diagr. 25^{cm}: Freiberg, In commission bei Craz & Gerlach (J. Stettner) [1902]

Lasne, Henri. L'origine des phosphates de chaux de la Somme; travail présenté au concours de la Société industrielle d'Amiens en 1898-99 et récompensé d'une médaille d'or; accompagné de planches et de photogravures, par Henri Lasne . . . 104 p. xiv pl. (partly fold.) incl. fold. map. 28cm. Paris, E. Bernard & c^{ie}, 1900.

Agr 3-261

Louisiana—Agricultural experiment station.* . . . Geology and agriculture. A report on the geology of Louisiana containing special papers by different authors; based on the work of three field seasons, 1900, 1901, 1902 . . . v, [1], 288 p. illus., xliv pl. (partly fold. and col.) incl. maps, diagr. 23cm. Baton Rouge, 1902.

South Australia—*Mines, Department of.* . . . Contributions (nos. 12 and 13) to the paleontology of South Australia. By R. Etheridge, jun. . . . ii pl. $33\frac{1}{2}$ cm. Adelaide, C. E. Bristow, government printer, 1902.

Swank, James Moore. Iron and steel, iron ore, and coal statistics for the United States, Great Britain, Germany, France, and Belgium. Revised to the end of 1901 . . . 32 p. incl. tab. 15^{cm}. Philadelphia, The American iron and steel association, 1902.

Tennessee—State geologist. Geology of Tennessee, by James M. Safford . . . State geologist . . . xi, 550, [1] p. front. (fold. col. map) illus., pl. (partly fold.) diagr. $23\frac{1}{2}$ cm. Nashville, S. C. Mercer, printer to the state, 1869.

Thaulow, J. G. Indberetning . . . om en med offentligt stipendium sommeren 1901 foretaget reise for at studere torvdrift i Kanada m. fl. lande. 26 p. pl., map, diagr. $27\frac{1}{2}$ cm. Kristiania, Centraltrykkeriet, 1902.

Upsala, Sweden. **Universitet**—Mineralogisk-geologiska institution. . . . Bulletin of the Geological institution of the University of Upsala. Ed. by Hj. Sjögren. v. III, pt. 2; v. IV, pt. 1; v. V, pt. 1–2. illus., pl. (partly fold.) fold. diagr., maps (partly fold.) 25½cm. Upsala, Almqvist & Wiksells boktryckeri-aktiebolag, 1898–1902.

Upsala, Sweden. **Universitet**—Mineralogisk-geologiska institution. Meddelanden . . . 16–21 . . . 21½cm. Stockholm, Kungl. boktryckeriet, P. A. Norstedt & söner, 1895–96.

21. BIOLOGY.

Castle, William Ernest. . . . The heredity of sex . . . [187]–218 p. diagr. 24½·m. Cambridge, Mass., 1903. (Contributions from the zoölogical laboratory of the Museum of comparative zoölogy at Harvard college . . . no. 137)

Agr 3—437

"Bibliography": p. 216–218.

From the Bulletin of the Museum of comparative zoology at Harvard college, vol. XL, no. 4.

Castle, William Ernest. . . . Mendel's law of heredity . . . [533]–548 p. 24½ m. Cambridge, Mass., 1903. (Contributions from the zoölogical laboratory of the Museum of comparative zoölogy at Harvard college . . . no. 136)

Agr 3–438 "Bibliography": p. 547-548.

From the Proceedings of the American academy of arts and sciences, vol. XXXVIII, no. 18.

Hovenden, Frederick. What is life? or, Where are we? what are w€? whence did we come? and whither do we go? . . . 2d ed., with appendix; with cuts and diagrams. xiv, [2], 308 p. illus., 1 pl. 23cm. London, Chapman & Hall, ld., 1899.

Agr 3—259

22. BOTANY.

Botanisch jaarboek; uitgegeven door het kruidkundig genootschap Dodonæa te Gent. 1.–11. jaarg.; 1889–1899. illus., pl. (partly fold. and col.) 1 port., fold. col. maps, tab., diagr. $22\frac{1}{2}-23\frac{1}{2}$ cm. Gent, J. Vuylsteke; [etc., etc.] 1889–99.

Braithwaite, Robert. . . . The British moss-flora . . . pt. xxii. 169-200 p. exv-exx pl. 27^{cm}. London, Pub. by the author, 1903.

Briosi, Giovanni. . . . Intorno ad un nuovo tipo di licheni a tallo conidifero che vivono sulla vite finora ritenuti per funghi, ricerche di G. Briosi e R. Farneti . . . 17 p. 2 pl. (1 col.) 28^{cm}. [Milano, Tip. Bernardoni di C. Rebeschini e c., 1902?]

"Estratto dagli Atti del R. Istituto botanico dell' Università di Pavia . . . (Laboratorio crittogamico) [nuova ser. vol. VIII]"

Buitenzorg, Java. Jardin botanique. Mededeelingen uit's Lands plantentuin. Lx. Verslag van de op Deli met betrekking tot de tabakscultuur genomen bemestingsproeven op proefvelden in het jaar 1901, door Dr. D. J. Hissink, deel 11. tab. 26cm. Batavia, G. Kolff & co., 1902.

Buitenzorg, Java. Jardin botanique. Verslag omtrent den staat van 's Lands plantentuin te Buitenzorg over het jaar 1899. front., pl. 26½ cm. Batavia, Landsdrukkerij, 1900.

Buscalioni, Luigi. Ricerche di botanica applicata; sulle modificazioni provocate dai processi di mercerizzazione nei filati di cotone . . . 32 p., 1 l. x-xi pl. .28^{cm}. [Milano, Tip. Bernardoni di C. Rebeschini e c., 1901?]

Agr 3—429

"Letteratura dell' argomento": p. [26]-32.

"Estratto dagli Atti del R. Istituto botanico dell' Università di Pavia, diretto da G. Briosi (Laboratorio crittogamico) [nuova ser. vol. VII]"

Cleve, Astrid. Studier öfver några: venska växters groningstid och förstärkningsstadium . . . 2 p. l., 98, [1] p. illus., tab. $21\frac{1}{2}$ cm. Upsala, Trykt å H. Wretmans tryckeri, 1898.

Inaug.-dis.-Upsala.

Cogniaux, Alfred. Dictionnaire iconographique des orchidées; direction & rédaction par A. Cogniaux; dessins & aquarelles par A. Goossens. 6. sér., no. 2. 13 col. pl. 14½ x 18½ cm. Bruxelles, Impr. F. Havermans [1902]

— Chronique orchidéenne, rédigée par Alfred Cogniaux; supplément au Dictionnaire iconographique des orchidées. no. 47; Dec., 1902. 18½em. [Bruxelles, 1902]

Collett, Sir Henry. Flora simlensis, a handbook of the flowering plants of Simla and the neighborhood . . . lxviii, 652 p. incl. front., illus. 1 map. 22cm. Calcutta and Simla, Thacker, Spink & co.; [etc., etc.] 1902.

Agr 3—526

"Bibliography": p. lxvii-lxviii.

BOTANY. 43

Copeland, Edwin Bingham. . . . The rise of the transpiration stream: an historical and critical discussion . . . cover-title, 161–193, 260–283 p. illus. 25½ cm. Chicago, The University of Chicago press, 1902. (Contributions from the Hull botanical laboratory, xxxvIII)

"Bibliography": p. 274-283.

Reprinted from the Botanical gazette, vol. XXXIV, September [and October] 1902.

Dawodu, T. B. A provisional list of the indigenous and naturalised flowering plants of the town and island of Lagos and Ebute Metta district. 22, ix p. $17\frac{1}{2}$ cm. [Ebute Metta, 1902]

Denke, Paul Albert. Sporenentwicklung bei selaginella . . . 3 p. l., 18 p. 1 fold. pl. $23\frac{1}{2}$ cm. Jena, G. Fischer, 1902.

Agr 3—294 Inaug.-dis.—Bonn.

Eriksson, Jakob. Om Kgl. landtbruks-akademiens växtfysiologiska försöksanstalt, dess uppkomst och hittillsvarande verksamhet . . . 15 p. 24^{cm}. Stockholm, J. Ahlberg, 1899.

List of publications of the academy, on vegetable physiology: p. 11-15.

Farneti, Rodolfo. . . . Intorno allo sviluppo e al polimorfismo di un nuovo micromicete parassita . . . 42 p. xvii–xx pl. 28^{cm}. [Milano, Tip. Bernardoni di C. Rebeschini e c., 1902.]

"Estratto dagli Atti del R. Istituto botanico dell' Università di Pavia . . . (Laboratorio crittogamico) [nuova ser., vol. vii]"

Früh, J. Die abbildung der vorherrschenden winde durch die pflanzenwelt . . . 97 p. illus., 2 maps. 23^{cm}. [Zürich, Typ. Neue zürcher zeitung, 1901?] Agr 3—295 "Litteratur": p. 94-97.

S.-a. jahresber. d. Geogr.-ethnogr. ges. Zürich, 1901/02.

Halácsy, Eugen de. Conspectus floræ Græcæ . . . v. 1, fasc. 3. 23^{cm}. Lipsiæ, sumptibus G. Engelmann, 1901.

Completes v. 1.

Hamburg, Station für pflanzenschutz zu. Station für pflanzenschutz zu Hamburg, IV; 1901/1902. fold. map. $25\frac{1}{2}$ cm. Hamburg, Gedruckt bei Lütcke & Wulff, 1902.

Iowa state college of agriculture and mechanic arts—Botanical department. Contributions . . . no. 4. pl. iv-xviii. 23^{cm}. Des Moines, F. R. Conaway, State printer, 1897.

From Proceedings Iowa academy of sciences, v. IV [p. 110-146]

Jones, Marcus E. Contributions to western botany. no. 10. cover-title, 90 p. pl. $23\frac{1}{2}$ cm. Robinson, Utah, Mammoth record print, 1902.

Includes a revision of allium.

Loddiges, Conrad, & sons. The botanical cabinet, consisting of coloured delineations of plants, from all countries, with a short account of each, directions for management &c. &c. . . The plates by George Cooke . . . 20 v. 2000 (i. e. 2001) col. pl. (partly fold.) $16\frac{1}{2}^{\text{cm}}$ (v. 11-20, $17\frac{1}{2}^{\text{cm}}$) London, Published by J. & A. Arch [etc.] 1817-33.

Engr. t.-p. in each volume.

Vol. 11-20 form a second series.

Magnaghi, Angelo. . . . Contribuzione allo studio della micologia ligustica . . . 13 p. 28cm. [Milano, Tip. Bernardoni di C. Rebeschini e c., 1902?] Agr 3—296 "Estratto dagli Atti del R. Istituto botanico dell' Università di Pavia, diretto da G. Briosi (Laboratorio crittogamico) [nuova ser., vol. VIII]"

Malpighia, rassegna mensuale di botanica . . . v. 1x, xv1. illus. 24^{cm}. Genova, Tipografia di A. Ciminago, 1895–1902.

Vol. 9-12, ed. by O. Penzig, A. Borzì, R. Pirotta.

Vol. 13-16, ed. by O. Penzig, R. Pirotta.

Melbourne. Botanic gardens. Guide to the Botanic gardens, Melbourne; with route map, etc. Authorized ed. 19 p. fold. pl., 2 fold. col. maps. 18½cm. Melbourne, R. S. Brain, government printer, 1901?

Agr 3—425

Miquel, Friedrich Anton Wilhelm. Annales Musei botanici Lugduno-Batavi . . . 4 v. 40 pl. (partly col.) 45½cm. Amstelodami, apud C. G. van der Post; [etc., etc.] 1863-69.

Agr 3-298

Montemartini, Luigi. . . . Contributo allo studio della anatomia comparata delle aristolochiaceæ . . . 22 p. xii–xvi pl. 28^{cm}. [Milano, Tip. Bernardoni di C. Rebeschini e c., 1902]

"Estratto dagli Atti del R. Istituto dell' Università di Pavia, diretto da G. Briosi (Laboratorio crittogamico) [nuova ser., vol. vii]"

Montemartini, Luigi. . . . Uredo aurentiaca n. sp.; nuova uredinea parassita delle orchidee . . . 3 p. 1 pl. 28^{cm}. [Milano, Tip. Bernardoni di C. Rebeschini e c., 1902]

"Estratto dagli Atti del R. Istituto botanico dell' Università di Pavia, diretto da G. Briosi (Laboratorio crittogamico) [nuova ser., vol. VIII]"

Nalepa, Alfred. Die naturgeschichte der gallmilben. [3]-30 p. 24cm. [Wien, Im selbstverlage der anstalt, 1894]

"Literatur": p. 4.

From IX. jahresbericht über das K. K. Staats-gymnasium in Wien, IV. gemeindebezirk für das schuljahr 1893-94.

Nederlandsche botanische vereeniging. Prodromus floræ Batavæ. Vol. I, (Phanerogamæ et cryptogamæ vasculares) Pars 2. Dicotyledoneæ-calycifloræ. Editio altera. Nieuwe lijst der Nederlandsche phanerogamen en vaatkryptogamen. 2. stuk. Dicotyledonen-calycifloren. Uitgegeven door de Nederlandsche botanische vereeniging. 22cm. Nijmegen, F. E. MacDonald, 1902.

New England botanical club. Constitution . . . with a list of the officers and members of the club, printed by order of the council. 17^{cm}. Boston, 1903.

New Jersey—Agricultural college experiment station—Botanical department. Report . . . by Byron D. Halsted, Sc. D., for the year 1901. pl. 23^{cm}. Trenton, The J. L. Murphy publishing co., printers, 1902.

Northrop, Mrs. Alice R. Flora of New Providence and Andros with an enumertion of the plants collected by John I. Northrop and Alice R. Northrop, in 1890 . . . 98 p. front. (map) 19 pl. 23½cm. [New York City, Torrey botanical club, 1902] ([Memoirs of the Torrey botanical club, vol. XII, no. 1])

Osborne, Thomas Burr. . . . The nucleic acid of the wheat embryo. covertitle, [1], 365-430 p. 23cm. New Haven, 1902.

Agr 3-301

At head of title: Studies from the research laboratory of the Connecticut agricultural experiment

station, by Thomas B. Osborne and Isaac F. Harris [from the Annual report for 1901]

Pammel, Louis Hermann. . . . The histology of the caryopsis and endosperm of some grasses . . . cover-title, 199–220 p. 3 pl. 22½cm. [St. Louis, 1898] (Contributions from the Shaw school of botany. No. 12)

Agr 3–237 (Trans. Acad. sci. of St. Louis, vol. viii. No. 11)

Pammel, Louis Hermann. . . . On the pollination of phlomis tuberosa, L., and the perforation of flowers . . . cover-title, 1 p. l., 241-277 p. 2 pl. 23^{cm}. [St. Louis, 1888] (Contributions from the Shaw school of botany. No. 1) Agr 3-238 From the Transactions of the St. Louis academy of science, vol. v, no. 1.

"List of papers consulted in connection with this work"; p. 265-277.

Pehersdorfer, Anna. Botanische terminologie, alphabetisch geordnet. Handbuch zur auffindung der in der botanik vorkommenden lateinischen kunstausdrücke und solcher deutschen, welche einer erklärung bedürfen. 2., verb. und verm. aufl. iv, 105 p. 14½cm. Stuttgart, Verlag von K. G. Lutz, 1901.

BOTANY. 45

Peirce, George James. A contribution to the physiology of the genus cuscuta . . . cover-title, [53]-118, [1] p. col. front., illus. Oxford, H. Hart, printer to the University, 1894.

Agr 3-302

Inaug.-dis.—Leipzig.

Reprinted from 'Annals of botany,' vol. VIII.

Percival, John. Agricultural botany, theoretical and practical . . . 2d ed. xii, 806 p. illus. 20^{cm}. London, Duckworth & co., 1902.

Pollacci, Gino. . . . Intorno all' assimilazione clorofilliana delle piante . . . Memoria I-II. illus., pl. 28^{cm}. Milano, Tip. Bernardoni di C. Rebeschini e c. [1899]-1902.

Memoria II, title reads: Intorno all' assimilazione clorofilliana. Ulteriori ricerche di fisiologia vegetale.

"Estratto dagli Atti del R. Istituto botanico dell' Università di Pavia (Laboratorio crittogamico), nuova ser., vol. [vn-vnn]"

Reed, Howard Sprague. Methods in plant physiology . . . [I]-III. illus. 24^{cm}. n. p. [1902]

"Reprinted from the Journal of applied microscopy and laboratory methods, Rochester, N. Y., vol. V, no. 6-[8]"

Saunders, William Wilson. . . . Mycological illustrations, being figures and descriptions of new and rare hymenomycetous fungi. Ed. by W. Wilson Saunders . . . and Worthington G. Smith . . . assisted by A. W. Bennett . . . pt. 1–2. pl. 26^{cm}. London, J. Van Voorst, 1871–72.

Schinz, Hans, ed. . . . Beiträge zur kenntnis der afrikanischen flora. (Neue folge) . . . xiv. $\cdot 23\frac{1}{2}$ cm. [Genève, Impr. Romet] 1902. (Mitteilungen aus dem Botanischen museum der Universität Zürich. xvIII)

Extrait du Bulletin de l'Herbier Boissier. 2. sér. (1902), no. 11-12.

Schrammen, Franz Roland. Über die einwirkung von temperaturen auf die zellen des vegetationspunktes des sprosses von vicia faba... 1 p. l., 52, [2] p. 1 fold. pl. 22^{cm}. Bonn, C. Georgi, 1902.

Agr 3—304 Inaug.-dis.—Bonn.

Schumann, Karl. Blühende kakteen (iconographia cactacearum) im auftrage der Deutschen kakteen-gesellschaft . . . lfg. 8. 29–32 col. pl. 33^{cm}. Neudamm, J. Neumann [1902]

Sociéte botanique du grand-duché de Luxembourg. Recueil des mémoires et des travaux . . . no. 15; 1900–1901. 23½cm. Luxembourg, L. Schamburger, 1902.

Trimen, Henry. A hand-book to the flora of Ceylon, containing descriptions of all the species of flowering plants indigenous to the island, and notes on their history, distribution, and uses . . . 5 v. ii fold. col. maps. $22\frac{1}{2}^{\text{cm}}$ and atlas (100 col. pl. (partly fold.)) $32\frac{1}{2}^{\text{cm}}$.

Pts. IV-V continued by Sir J. D. Hooker.

Contents.—pt. I. Ranunculaceæ—anacardiaceæ. With plates i-xxv.—pt. II. Connaraceæ—rubiaceæ. With plates xxvi-l. And index to pts. I and II.—pt. III. Valerianaceæ—balanophoraceæ. With plates li-lxxv.—pt. IV. Euphorbiaceæ—naiadeæ. With plates lxxvi-c.—pt. v. Eriocauloneæ—gramineæ. With maps i & ii, and indexes.

Trinity college, Dublin—Botanical school. Notes . . . no. 2, May, 1897. illus., tab., diagr. 21½ no. Dublin, printed at the University press, 1897.

Contents:—IV. Note on the rôle of osmosis in transpiration.—V. On the osmotic pressure in the cells of leaves.—VI. On the physics of the transpiration current.—VII. Herbarium notes.

Ulrich, Karl. Die bestäubung und befruchtung des roggens. 62, [1] p. 22^{cm}. Halle a. S., Buchdruckerei von H. John, 1902.

Agr 3—305
Inaug.-dis.—Jena.

Urban, Ignatz, ed. Symbolæ antillanæ; seu, Fundamenta floræ Indiæ Occidentalis . . . v. III, fasc. II. 25½cm. Lipsiæ, Fratres Borntraeger; [etc., etc.] 1902.

Vandevelde, A. J. J. Bijdrage tot de physiologie der gallen. Het aschgehalte der aangetaste bladeren . . . 17 p. tab., diagr. 23°m. [Gent? 1896] Agr 3—529 "Overgedrukt uit het Botanisch jaarboek . . . viii, 1896".

Vandevelde, A. J. J. . . . Onderzoekingen over plasmolyse. ([1e]-2e, 4e mededeeling) . . . $26\frac{1}{2}$ cm. [n. p., 1899–1901]

Overgedrukt uit de Handelingen van het 3.-5. Vlaamsch natuur- en geneeskundig congres . . . 1899-1901.

Vidal y Soler, Sebastian. . . . Phanerogamæ Cumingianæ Philippinarum; ó, Índice numèrico y catálogo sistemático de las plantas fanerogamas coleccionadas en Filipinas por Hugh Cuming, con características de algunas especies no descritas y del género cumingia (malváceas) . . . xv, 217 p., 1 l. 1 pl. 24cm. Manila, Establecimiento tipo-litográfico de M. Pérez hijo, 1885.

At head of title: Cuerpo de ingenieros de montes. Comisión de la flora forestal de Filipinas.

Volkart, Albert. Untersuchungen über den parasitismus der pedicularisarten . . . 52 p. 22½cm. Zürich, Buchdruckerei des Schweiz. Grütlivereins, 1899. Agr 3—307 Inaug.-dis.—Zürich.

"Verzeichniss der litteratur auf welche in der arbeit verwiesen ist": p. 51-52.

Warming, Eugen, *i. e.* Johannes Eugen Bülow. A handbook of systematic botany . . . with a revision of the fungi by Dr. E. Knoblauch . . . tr. and ed. by M. C. Potter . . . xii, 620 p. illus. 22^{cm}. London, S. Sonnenschein & co.; New York, Macmillan & co., 1895.

Westermaier, Max. . . . Ueber gelenkartige einrichtungen an stammorganen . . . cover-title, 26 p. 2 fold. pl. 21cm. Freiburg (Schweiz) Universitäts-buchhandlung (B. Veith) 1901. (Botanische untersuchungen im anschluss an eine tropenreise. III. heft)

Aus dem Botanischen institut der Universität Freiburg (Schweiz)

Wiesner, Julius. Die rohstoffe des pflanzenreiches; versuch einer technischen rohstofflehre des pflanzenreiches... 2. gänzlich umgearb. und erweiterte aufl. 11.–12. lief. (bd. 11. bogen 51–67 [schluss] und titelbogen) illus. 24cm. Leipz., W. Engelmann, 1903.

Wildeman, Émile de. . . . Illustrations de la flore du Congo, par Ém. de Wildeman . . . et Th. Durand . . . tome 1, fasc. 8. pl. lxxxv-xcvi. 39°m. Bruxelles, En vente chez Spineux et c°, 1902. (Annales du Musée du Congo pub. par ordre du Secrétaire d'état. Botanique. sér. 1)

Wildeman, Émile de. Plantæ Laurentianæ; ou, Énumération des plantes récoltées au Congo en 1893 et 1895–1896 par Émile Laurent . . . Publication de l'État indépendant du Congo. 57 p. 22^{cm}. Bruxelles, Impr. Ve Monnom, 1903. Agr 3—310

Wildeman, Émile de. Les plantes tropicales de grande culture, café, cacao, cola, vanille, caoutchouc, avec une étude sur la distribution des plantes dans le centre de l'Afrique et des notices biographiques sur les botanistes et les voyageurs ayant contribué à la connaissance de la flore de l'État indépendant du Congo . . . 2 p. l., iv, 301 p. illus., xxxviii pl., maps, plans. 28cm. Bruxelles, Maison d'édition A. Castaigne, 1902.

23. ZOOLOGY.

American museum of natural history, N. Y. City. Bulletin . . . v. xvi, 1902. illus., lix pl. (partly fold) incl. 2 maps, fold tab. 25cm. N. Y., Pub. by order of the trustees, 1902.

Berlin, Zoologisches museum. Anleitung zum sammeln, konservieren und verpacken von tieren für das Zoologische museum in Berlin. 2. verm. ausg. vii, 112 p. illus. 18½ Erlin] Gedruckt für das Zoologische museum in Berlin, 1902.

Agr 3-28

ZOOLOGY. 47

Berlin, Zoologisches museum. Führer durch die zoologische schausammlung des Museums für naturkunde in Berlin. 2. aufl. 77 p. plan. 19^{cm}. Berlin, 1902.

Brown, Sir George Thomas. . . . Animal life . . . 4 p. l., 141 p. 18½^{cm}. London, Vinton & co., ltd. [1885] (Morton's handbooks of the farm. no. VIII.)

Agr 3—456

Cherrie, George K. Exploraciones zoológicas efectuadas en la parte meridional de Costa Rica por los años de 1891–92. I. Aves . . . 2 p. l., 59 p. 20½ . San José de Costa Rica, Tip. nacional, 1893.

Connecticut—Fisheries and game, State commissioners of. 4th biennial report... for the years 1901–1902... front., pl., tab. 23cm. Hartford, Press of the Hartford printing company, 1902.

Coombes, S. C. Frog-raising, as good and better than many gold mines; the only book in the whole wide world on the cultivation, development, and various uses of the common edible frog, how to breed and feed it, and how to protect it from its numerous enemies, etc. . . . 24 p. incl. front., 1 pl. 17^{cm}. South San Francisco, S. C. Coombes, 1902.

Sold only in sealed envelopes.

Cuvier, Georges Chrétien Léopold Frédéric Dagobert, baron. Cuvier's Animal kingdom, arranged according to its organization; forming the basis for a natural history of animals, and an introduction to comparative anatomy. Mammalia, birds, and reptiles, by Edward Blyth. The fishes and radiata, by Robert Mudie. The molluscous animals by George Johnston, M. D. The articulated animals, by J. O. Westwood, F. L. S. . . . vii, 670 p. illus. 24cm. London, W. S. Orr and co., 1840.

Agr 3—256

Darr, Adolf. Über zwei fasciolidengattungen . . . 58, [2] p. illus. 23^{cm}. Halle a. S., 1902.

Inaug.-dis.—Halle-Wittenberg.

"Mit drei lithographirten tafeln wird die abhandlung erscheinen in: 'Zeitschrift für wissensch, zoologie.' LXXI. bd., 4. heft."

Dubois, Alphonse. Synopsis avium; nouveau manuel d'ornithologie . . . fasc. xi-xii. pl. 28½^{cm}. Bruxelles, H. Lamertin, 1902.

Ewart, James Cossar. Syllabus of the mammalia. cover-title, 120 p. 83 pl., 1 fold. map. $21\frac{1}{2}$ x $28^{\rm cm}$. [n. p., 188–]

Private proof.
Plates taken from zoological works of various authors.

Eydoux, Fortuné. Zoologie. viii p., 2 l., 195, 192, [197–]200, iv, 5–30, 2 p. 70 pl. (partly col.) $24\frac{1}{2}$ ^{cm}. [Paris, A. Bertrand, 1839] (Laplace [C. P. T.] Voyage autour du monde par les mers de l'Inde et de Chine exécuté sur la corvette de l'état La Favorite pendant les années 1830, 1831 et 1832 sous le commandement de M. Laplace. t. v.)

2 ptie., p. 64 bis, ter, quater, inserted.

CONTENTS.—1. ptie. Recherches anatomiques et zoologiques sur les mammifères marsupiaux, par MM. Fortuné Eydoux et Laurent.—2. ptie. Zoologie, par MM. Fortuné Eydoux et Paul Gervais.— Supplément . . . Lépidoptères nouveaux, recueillis pendant ce voyage illustrés et décrits par M. le baron Feisthamel.

Fürth, Otto von. Vergleichende chemische physiologie der niederen tiere . . . xiv, 670 p. 26^{cm}. Jena, G. Fischer, 1903. Agr 3—258 "Litteratur" at ends of chapters.

Geoffroy Saint-Hilaire, Isidore. Études zoologiques, ouvrage comprenant l'histoire et la description d'un grand nombre d'animaux récemment découverts, et des observations nouvelles sur plusieurs genres déjà connus . . . ouvrage pouvant servir de supplément aux diverses éditions de Buffon. 1.[-2.] fasc. 2 p. l., iv, [110] p. 20 col. pl. 24½cm. Paris, Lequien fils, 1832.

Agr 3—533

No more published.

Girtanner, Albert. . . . Eine zerstörte kolonie des alpenseglers (Apus melba L.) ... 13 p. illus., 1 pl. $23\frac{1}{2}$ [n. p., 1902] Agr 3-534 Sonder-abdruck a. d. Orn. monatsschr., xxvii. jahrg. (1902) nr. 9, s. 376-388.

Hertwig, Oskar, ed. Handbuch der vergleichenden und experimentellen entwickelungslehre der wirbeltiere. 9. lfg. illus. 26cm. Jena, G. Fischer, 1902.

Hertwig, Richard. A manual of zoology . . . from the 5th German ed., tr. and ed. by J. S. Kingsley . . . xi, 704 p. illus. 23cm. New York, H. Holt and company, 1902. 2-29603

International congress of zoology. 5th, Berlin, 1901. Verhandlungen des v. internationalen zoologen-congresses zu Berlin, 12.-16. August 1901. Mit 19 tafeln und 166 abbildungen im text. Hrsg. vom generalsekretär des congresses Paul Matschie. xxvi, 1187 p. illus., pl. (partly col.) 25cm. Jena, G. Fischer, 1902.

Knight, Wilbur Clinton. . . . The birds of Wyoming . . . 1 p. l., 174 p. illus., pl. 21½cm. Laramie, 1902. (University of Wyoming. Agricultural college department. Wyoming experiment station, Laramie, Wyoming. Bulletin no. 55.) "A partial list of the publications pertaining to Wyoming birds"; p. 3-5. Agr 3-290

Long, William Joseph. Fowls of the air . . . illustrated by Charles Copeland. xi, 310 p. front., pl. 20cm. Boston and London, Ginn & company, 1902. 1-25552-M3

Long, William Joseph. School of the woods; some life studies of animal instincts and animal training . . . illustrated by Charles Copeland. xiii, 364 p., incl. illus., pl. front. 20cm. Boston and London, Ginn and company, 1903 [1902]

Lydekker, Richard. The great and small game of Europe, western and northern Asia and America; their distribution, habits, and structure . . . xx, 445 p. 75 illus., 8 col. pl. 30^{1}_{2} cm. London, R. Ward, limited, 1901. (*His* Game mammals of the world, v. 5) 2-24044

"This edition consists of two hundred and fifty copies, numbered and signed, of which this is по. 106."

Maine—Inland fisheries and game, Commissioners of. Report . . . for the year 1902. illus., pl., map. 23^{cm}. Augusta, Kennebec journal print, 1903.

May, Walther. Die arktische, subarktische und subantarktische alcyonaceenfauna. Vorgelegt zur erlangung der Venia legendi für das fach der zoologie und der Technischen hochschule zu Karlsruhe . . . 30 p. illus. 35cm. Jena, G. Fischer, 1900. Agr 3-535

"Litteratur": p. 29-30.

Mayer, Alfred Goldsborough. . . . The variations of a newly-arisen species of medusa . . . 27 p. incl. ii pl. 25cm. New York, Pub. by the Macmillan company for the Brooklyn institute of arts and sciences, 1901. (The museum of the Brooklyn institute of arts and sciences. Science bulletin, v. 1, no. 1) "Publications cited": p. 21-22.

Picard, Edmund, i. e. Wilhelm Edmund Adolf. Beitrag zur kenntnis der gastropoden der mitteldeutschen trias . . . 98, [1] p. 25½cm. Halle a. S., 1902.

Inaug.-dis.-Halle-Wittenberg.

Poulton, Edward Bagnall, ed. The Hope reports. v. 2; 1897–1900 . . . front. (port.), pl. (partly col.) 25cm. Oxford, Printed for private circulation by H. Hart, printer to the University, 1901.

Richardson, Sir John. The zoology of Captain Beechey's voyage; compiled from the collections and notes made by Captain Beechey, the officers and naturalist of the expedition, during a voyage to the Pacific and Behring's Straits performed in His Majesty's ship Blossom, under the command of Captain F. W. Beechey . . . in the years 1825, 26, 27, and 28, by J. Richardson . . . N. A. Vigors . . . G. T. Lay . . . E. T. Bennett . . . Richard Owen . . . John E. Gray . . . Rev. W. Buckland . . . and G. B. Sowerby . . . Illustrated with upwards of fifty finely coloured plates by Sowerby. Pub. under the authority of the Lords commissioners of the admiralty. xii, 180 p. xliv col. pl., 3 col. maps (1 fold.) $28\frac{1}{2}$ cm. London, H. G. Bohn, 1839.

CONTENTS.—Mammalia; by John Richardson.—Ornithology; by N. A. Vigors.—Fishes; by G. T. Lay and E. T. Bennett.—Crustacea; by Richard Owen.—Reptiles; by John Edward Gray.—Batrachians; by John Edward Gray.—Molluscous animals and their shells; by John Edward Gray.—Geology.

Römer, Fritz. Fauna arctica. Eine zusammenstellung der arktischen tierformen, mit besonderer berücksichtigung des Spitzbergen-gebietes auf grund der ergebnisse der deutschen expedition in das nördliche eismeer im jahre 1898. Unter mitwirkung zahlreicher fachgenossen, hrsg. von Dr. Fritz Römer und Dr. Fritz Schaudinn . . . 2. bd., 3. lfg. illus., 4 pl. (partly col.) map, tab. 36cm. Jena, G. Fischer, 1902.

Bibliographies at ends of articles.

Sharpe, Richard Bowdler. A hand-list of the genera and species of birds. (Nomenclator avium tum fossilium tum viventium) v. 2–3. 23^{cm}. London, Printed by order of the trustees [of the British museum] 1900–01.

South Australian zoological and acclimatization society. The 24th annual report . . . front., pl. $21\frac{1}{2}$ cm. Adelaide, W. K. Thomas & co., printers, 1902.

Taschenberg, Otto. Bibliotheca zoologica II. Verzeichniss der schriften über zoologie welche in den periodischen werken enthalten und vom jahre 1861–1880 selbständig erschienen sind . . . 16. lfg., signatur 601–640. 23½cm. Leipzig, W. Engelmann, 1902.

Tegetmeier, William Bernhard. The house sparrow (the avian rat), in relation to agriculture and gardening, with practical suggestions for lessening its numbers . . . With an appendix by Eleanor A. Ormerod . . . vi p., 1 l., 90 p. front., illus. 18½. London, Vinton & co., 1899.

Toronto, University of. Studies; biological series. no. 3. 1 pl. 27^{cm}. [Toronto] The university library, 1902.

CONTENTS.—On the identification of mcckellian and mylohyoid grooves in the jaws of mesozoic and recent mammalia, by B. Arthur Bensley.

Waterhouse, Charles Owen. Index zoologicus; an alphabetical list of names of genera and subgenera proposed for use in zoology as recorded in the "Zoological record" 1880–1900, together with other names not included in the "Nomenclator zoologicus" of S. H. Scudder; compiled (for the Zoological society of London) by Charles Owen Waterhouse and edited by David Sharp . . . xii, 420, [1] p. 22½cm. London, Printed for the society, 1902.

The **Zoological** record, v. 38. Being records of zoological literature relating chiefly to the year 1901 . . . ed. (for the Zoological society of London) by David Sharp . . . $22\frac{1}{2}$ cm. London, Printed for the society, 1902.

24. ENTOMOLOGY.

Brucker, E. A. . . . Monographie de pediculoides ventricosus Newport; et Théorie des pièces buccales des acariens . . . cover-title, [355]–442, [8] p. xvIII-xxI pl. $25\frac{1}{2}$ cm. Paris, Laboratoire d'évolution des êtres organisés; [etc., etc.] 1900.

At head of title: Bulletin scientifique de la France et de la Belgique . . . (Extrait du tome XXXV)

"Index bibliographique": p. 437-441.

Buckton, George Bowdler. . . . A monograph of the membracidæ . . . pt. 5. xxxix-xlvih col. pl. 29½cm. London, L. Reeve & co., limited, 1903. (Monographiæ entomologicæ, II.)

Cameron, Peter. Descriptions of new genera and species of hymenoptera collected by Major C. S. Nurse at Deesa, Simla and Ferozepore . . . pt. 1–11. 1 pl. $24\frac{1}{2}$ cm. [Bombay, 1901]

From Journal, Bombay natural history society. vol. xiv.

Cameron, Peter. On the hymenoptera collected by Mr. Robert Shelford at Sarawak, and on the hymenoptera of the Sarawak museum. [29]-140 p. 25½cm. [Singapore, 1902]

Agr 3—122

From Journal of the Straits branch of the Royal Asiatic society, Jan. 1902, no. 37, p. 29-140.

Cape of Good Hope—Agriculture, Department of—Government entomologist... Report... for the year 1900... v pl. incl. diagr. 24½cm. Cape Town, W. A. Richards & sons, government printers, 1901.

Dejean, Pierre François Marie Auguste, comte. Iconographie et histoire naturelle des coléoptères d'Europe; par M. le comte Dejean . . . et M. J.-A. Boisduval . . . 5 v. 270 col. pl. 22½cm. Paris, Méquignon-Marvis; [etc., etc.] 1829–36. Agr 3—330 v. 5 has title: Iconographie et histoire naturelle des coléoptères d'Europe; par M. le comte Dejean . . . continuée par le docteur Ch. Aubé . . . tome 5. Hydrocanthares.

Distant, William Lucas. A monograph of oriental cicadidæ... Pub. by order of the trustees of the Indian museum, Calcutta... ix, [4], 157, [1] p. illus., xv pl. (partly col.) 32^{cm}. London, Printed by West, Newman & co.; [etc., etc.] 1889-92.

Appeared in 7 parts.

Dours, Antoine, *i. e.*, Jean Marie Antoine. Catalogue synonymique des hyménoptères de France . . . 2 p. l., 229, [1] p. 22^{cm}. Amiens, Impr. de Lenoel-Herouart, 1874.

Extrait des Mémoires de la Société linnéenne du nord de la France, t. 111, 1873.

[Fallén, Karl Fredrik] præses. Agromyzides. 10 p. $20 \times 17\frac{1}{2}$ cm. [Lund, Berling, 1823] [With his Oscinides Sueciæ] Agr 3—177

Dis.—Lund.

Title-page wanting.

Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, præses. Anthracides Sueciæ . . . 8, [2], 9–16 p. $22\frac{1}{2}$ x $17\frac{1}{2}$ cm Lundæ, litteris Berlingianis, 1814.

Dis.-Lund.

Consists of two dissertations, each having its own title-page, but with text and paging continuous. Forms part of his Dipterorum, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1)

Fallén, Karl Fredrik, præses. Asilici Sueciæ. Quorum descriptionem cons. ampl. facult. philos. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Johannes Gust. Waldenström . . . 1 p. l., 14 p. 18½ x 16°m. Lundæ, litteris Berlingianis, 1814.

Forms part of his Dipterorum, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1)

Fallén, Karl Fredrik, præses. Dispositio dipterorum synoptica, quam venia ampl. facult. philos. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Laurentius Ståhl . . . 12 p. 21 x 17½ cm. Lundæ, literis Berlingianis, 1817.

Agr 3—160

List, with names of respondents, of dissertations forming his Dipterorum, antennis parum articulatis instructorum, sectio prior: p. 7-8.

Forms the first part of his Diptera suecica, v. 1. See Hagen, Bibliotheca entomologica, v. 1, p. 227.

Fallén, Karl Fredrik, *præses*. Empidiæ Sueciæ . . . 16, [2], 17–24 p., 11., 25–34 p. 18½ x 16^{cm}. Lundæ, litteris Berlingianis, 1815–16.

Agr 3—165
Inaug.-dis.—Lund.

Consists of three dissertations, each having its own title-page, but with text and paging continuous. Forms part of his Dipterorum, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1)

Fallén, Karl Fredrik, *præses*. Heteromyzides Sueciæ. Quarum descriptionem venia ampl. facult. philos. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit P. Björkman . . . 1 p. l., 10 p. 21 x 17^{cm}. Lundæ, literis Berlingianis, 1820.

Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, præses. Hydromyzides Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Johan. Jacob. Björkman . . . 1 p. l., 12 p. 23 x 19em. Lundæ, literis Berlingianis, 1823.

Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, præses. Monographia dolichopodum Sueciæ . . . 1 p. l., 8, [2], 9–16 p., 1 l., 17–24 p. 22 x $18^{\rm cm}$. Lundæ, literis Berlingianis, 1823.

Dis.—Lund. Agr 3—180

Consists of three dissertations, each having its own title-page, but with text and paging continuous. At end of pt. 111: "Voluminis 2:i finis."

Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, præses. Monographia hæmatomyzidum Sueciæ. Quam venia ampliss. fac. philos. lund. Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Johannes Magn. Norlander . . . 16 p. 23 x 19^{cm}. Lundæ, literis Berlingianis, 1818.

Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, *præses*. Monographia muscidum Sueciæ . . . 1 p. l., 12, [2], 13–24 p., 1 l., [2], 25–40 p., 1 l., 41–48, [2], 49–56 p., 1 l., 57–64, [2], 65–72, [2], 73–80, [2], 81–94 p. 23 x 19½^{cm}. Lundæ, literis Berlingianis, 1820–25. Agr 3–171 Dis.—Lund.

Consists of nine dissertations, each having its own title-page, but with text and paging continuous. Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, præses. Opomyzides Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit T. Maximilian. Ratzky . . . 1 p. l., 12 p. 21 x 17cm. Lundæ, litteris Berlingianis, 1820.

Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, præses. Ortalides Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo F. Fallen . . . pro laurea publicæ disquisitioni subjicit Johannes Gahne . . . 1 p. l., 34 p. 22 x 18½cm. Lundæ, litteris Berlingianis, 1820.

p. 17-24: respondent, Petersson. p. 25-34: respondent, Elmlund. (See Hagen, Bibliotheca entomologica, v. 1, p. 227) There are no title-pages for the last two dissertations in the Library copy. Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, *præses*. Oscinides Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Johannes Collander . . . 1 p. l., 10 p. 20 x 17½ . Lundæ, literis Berlingianis, 1820.

Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, præses. Phytomyzides et ochtidiæ Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Carolus Wilh. Pettersson . . . 1 p. l., 10 p. $22 \times 16\frac{1}{2}$ cm. Lundæ, literis Berlingianis, 1823.

Forms part of his Diptera suecica, v. 2.

Fallén, Karl Fredrik, præses. Platypezinæ et bombylarii Sueciæ. Quorum descriptionem venia ampl. fac. philos. lund. præside Carolo Fr. Fallén . . . publicæ disquisitioni subjicit Laurent. Freder. Flodin . . . 12 p. 18½ x 16^{cm}. Lundæ, litteris Berlingianis, 1815.

Forms part of his Dipterorum, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1)

Fallén, Karl Fredrik, præses. Rhizomyzides Sueciæ. Quarum descriptionem venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Sveno Magnus Bremer . . . 1 p. l., 10 p. 23 x 19cm. Lundæ, litteris Berlingianis, 1820.

Forms part of his Diptera suecica, v. 2.

[Fallén, Karl Fredrik] prases. Scatomyzides. 10 p. 19½ x 15 cm. [Lund, Berling, 1819.]

Dis.-Lund.

Title-page wanting.

Respondent, Roselius.

Forms part of his Diptera succica, v. 2. See Hagen, Bibliotheca entomologica, v. 1, p. 227.

Fallén, Karl Fredrik, prases Scenopinii et conopsariae Sueciae. Quorum descriptionem venia ampl. facult. philos. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Nicol. Magn. Krok . . . 14 p. 21½ x 18 cm. Lundæ, literis Berlingianis, 1817.

Forms part of his Dipterorum, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1)

Fallén, Karl Fredrik, præses. Stratiomydæ Sueciæ. Quarum descriptionem venia ampl. fac. philos. lund. præside Carolo Fr. Fallen . . . pro laurea publicæ disquisitioni subjicit Olaus N. Olander 1 p. l., 14 p. 21 x 18 cm. Lundæ, literis Berlingianis, 1817.

Forms part of his Dipterorum, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1)

Fallén, Karl Fredrik, prases. Supplementum Dipterorum Sueciae. Quod venia ampl. facult. philos. Acad. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicit Nicolaus Georg. Herslow . . . 1 p. l., 8 p. 22½ x 19cm. Londini Gothorum, ex officina Berlingiana, 1826.

Agr 3—181
Supplement to his Diptera suecica.

Fallén, Karl Fredrik, præses. Syrphici Suecie . . . 1 p. l., 14, [2], 15-22, [2], 23-30, [2], 31-42, [2], 43-62 p. 21½ x 18cm. Lundæ, literis Berlingianis, 1816-17. Dis.—Lund.

Consists of six dissertations, each having its own title-page, but with text and paging continuous. Title-page for p. 55-62 is wanting.

Forms part of his Dipterorum, antennis parum articulatis instructorum, sectio prior (Diptera uecica, v. 1)

Fallén, Karl Fredrik, præses. Tabanii et xylophagei Sueciæ. Quorum descriptionem venia ampl. facult. philos. lund. præside Carolo Fr. Fallén . . . pro laurea publicæ disquisitioni subjicitGust. Wahlberg . . . 14 p. 21 x 18cm. Lundæ, literis Berlingianis, 1817.

Forms part of his Dipterorum, antennis parum articulatis instructorum, sectio prior (Diptera suecica, v. 1)

Feburier, — Traité complet théorique et pratique sur les abeilles; par M. Feburier . . . Cet ouvrage, approuvé dans la séance de l'Institut de France, du 22 janvier 1810, contient l'histoire naturelle des abeilles, la culture de ces insectes applicable à toutes les espèces de ruches et à toutes les températures de la France, la comparaison des méthodes et des ruches adoptées jusqu'à ce jour avec celles proposées par l'auteur, enfin l'état des connoissances des Grecs et des Romains et celles des peuples modernes dans le xviie siècle sur les abeilles . . . 2 p. l., iv, 460 p. 1 fold. pl. 21cm. Paris, De l'imprimerie de Madame Huzard, 1810.

Florence. R. Stazione di entomologia agraria di Firenze. Nuove relazioni intorno ai lavori . . ser. 1., no. 4. illus. v pl. $23\frac{1}{2}$ cm. Firenze, Tipografia M. Ricci, 1902.

Hunter, Samuel John. Elementary studies in insect life . . . xviii, 344 p. col. front., illus., col. pl. 20cm. Topeka, Kan., Crane & company, 1902. 2—19189

[&]quot;Injurious insects and modes of dealing with them"; p. 301-331.

[&]quot;Reference books" p. 332.

Illinois—Entomologist. 21st-22d report... on the noxious and beneficial insects of the state of Illinois... illus., pl., fold. map. 23cm. Chicago, Hack & Anderson, printers; [etc., etc.] 1900-03.

"Economic bibliography [the economic entomology of the sugar beet]": 21st, p. 170-175.

"Recent bibliography [the corn bill-bugs in Illinois]" 22d, p. 23-26.

López Peñafiel, Emiliano. Cartilla para la crianza y ahogado del gusano de la seda. 23 p. 15^{cm}. [Murcia] Tip. de el Correo de Levante, 1902.

Agr 3—417

Lucas, Hippolyte *i. e.*, Pierre Hippolyte. Histoire naturelle des lépidoptères d'Europe . . . [Ed. 2] 2 p. l., viii, 216 p. 79 (*i. e.* 81) pl. (partly col.) 24½ cm. Paris, L. de Bure, 1845. ([Bibliothèque zoologique])

Agr 3—345

Has preceding plates, engr. and decorated half t.-p.

McCook, Henry Christopher. Tenants of an old farm; leaves from the note-book of a naturalist . . . with introduction by Lord Avebury (Sir John Lubbock) Illustrated from nature. Rev. ed., 10th thousand: xv, [9]–460 p. front., illus. 19^{cm}. Philadelphia, G. W. Jacobs & co; London, Hodder & Stoughton [1902] 3—177 Original copyright, 1884.

Mayer, Alfred Goldsborough. . . . Effects of natural selection and race-tendency upon the color-patterns of lepidoptera . . . 1 p. l., [31]-86 p. incl. xxx tab. (partly fold.) ii pl. 26½ m. [New York, Pub. by the Macmillan company] printed by the Museum press, 1902. (The museum of the Brooklyn institute of arts and sciences. Science bulletin. v. 1, no. 2)

Agr 3-262
"Authors quoted": p. 61-63.

Murcia, Spain. Estación sericícola. . . . Experiencias realizadas durante la campaña sedera de 1902. Semillas que se emplean en esta huerta. 4 p. 1 fold. tab. $14\frac{1}{2}$ cm. [Murcia] Tip. Las provincias de Levante, 1902.

At head of title: Ministerio de agricultura, industria comercio y obras públicas. Dirección general de agricultura, industria y comercio. Estación sericícola de Murcia.

Nonotuck silk company, Florence, Mass. Silk; its origin, culture, and manufacture; illustrated from photographs taken at the Corticelli silk mills . . . 62 p. front., illus. 17½cm. Florence, Mass., The Nonotuck silk compay, 1902. 2—22203 p. 51-62, advertising matter.

Padua. R. stazione bacologica di Padova. Annuario . . . v. xxx. pl., tab. 24^{cm}. Padova, Stab. tip. L. Crescini e c., 1903.

"Elenco di pubblicazioni attinenti alla bachicoltura che vennero fuori nel corso del 1901 e 1902"; p. 97-120.

Pictet, François Jules. Recherches pour servir à l'histoire et à l'anatomie des phryganides . . . 1 p. l., iii, 235, [4] p. xx pl. (partly col.) 26½cm. Genève, A. Cherbuliez; [etc., etc.] 1834.

Taylor, M. Logan. . . . Second progress report of the campaign against mosquitoes in Sierra Leone . . . 15th September, 1902. 13 p. 22^{cm}. Liverpool, At the University press, 1902. (Liverpool school of tropical medicine. Memoir v. Pt. 2)

West Virginia—Agricultural experiment station. Report of work [on the San José scale, etc.] . . . for the years 1901 and 1902 . . . pl., map. $23\frac{1}{2}$ cm. [Parkersburg] Press of Parkersburg news, 1903.

Wytsman, P., *ed.* . . . Genera insectorum . . . 9. fasc. 33^{cm}. Bruxelles, P. Wytsman [1902]

Contents.—Hymenoptera, fam. cynipidæ, par W. von Dalla Torre et J. J. Kieffer, 1. fasc.

Zeitschrift für entomologie. Hrsg. vom Verein für schlesische insektenkunde zu Breslau. Neue folge, 27. hft. 22^{cm}. Breslau, In commission bei Maruschke & Berendt, 1902.

25. USEFUL ARTS.

Engineering record. . . . The cement industry; descriptions of Portland and natural cement plants in the United States and Europe, with notes on materials and processes in Portland cement manufacture . . . 3 p. l., [9]-235 p. illus., fold. pl., diagr. 23½cm. New York, The engineering record, 1900. 3-10940

Reprinted from the Engineering record.

Girard, Aimé. . . . Le froment et sa mouture. Traité de meunerie, d'après un manuscrit inachevé de Aimé Girard . . . par L. Lindet . . . vii, 355 p. illus., iii fold. pl. 25cm. Paris, Gauthier-Villars, 1903.

Modern American tanning; a practical treatise on the manufacture of leather compiled from original articles describing modern mothods printed in "Hide and leather" and written by well known tannery foremen, superintendents and chemists. 292 p. incl. pl. 24½cm. Chicago, Jacobsen publishing company, 1902.

New York (state)—Museum. . . . Bulletin . . . no. 44, vol. 8, November 1901; lime and cement industries of New York, by Heinrich Ries, Ph. D.; chapters on the cement industry in New York, by Edwin C. Eckel, C. E. 103 pl. (partly fold.) incl. maps and diagr., tab. 24½cm. Albany, University of the state of New York, 1901.

26. SOCIOLOGY.

Dammer, Otto, ed. Handbuch der arbeiterwohlfahrt . . . lfg. 1 (bogen 1-10). 160 p. illus. $25\frac{1}{2}$ ^{cm}. Stuttgart, F. Enke, 1902.

CONTENTS.—Arbeiterwohnungen, von Friedrich Wagner. Ernährung, von Felix Hirschfeld (incomplete)

Gladden, Washington. Working people and their employers. By Washington Gladden. 241 p. 19½cm. New York [etc.] Funk & Wagnalls company, 1894.

Agr 3-139

Howell, George. Labour legislation, labour movements, and labour leaders . . . xxiii, 499 p. front. (port.) 22½cm. London, T. F. Unwin, 1902. 2—21250

Ireland—Agriculture and technical instruction, Department of. . . . Agricultural statistics, Ireland, 1902. Report and tables relating to Irish migratory agricultural and other labourers; showing their distribution in Ireland when at home . . . tab. $24_2^{\rm lcm}$. Dublin, H. M. Stationery off., 1902.

Minnesota—Labor, Bureau of. 8th biennial report . . . 1901–1902 . . . tab. 23½. St. Paul, Pioneer press company, state printers, 1902.

New Hampshire—Labor, Bureau of. 4th biennial report of the Bureau of labor of the state of New Hampshire . . . v. 6. 24^{em}. [Concord, The Rumford press] 1902.

L. H. Carroll, commissioner.

New York (state)—Labor, Department of. . . . 1st annual report . . . 1901. tab. 23cm. Albany, J. B. Lyon company, state printers, 1902.

Department of labor formed in 1901 by consolidation of the Bureau of labor statistics, office of Factory inspector, and Board of mediation and arbitration, whose reports are included in the Annual report of the Department.

Potter, Henry Codman. The citizen in his relation to the industrial situation; Yale lectures . . . 4 p. l., 248 p. 20^{cm}. New York, C. Scribner's sons, 1902. (Yale lectures on the responsibilities of citizenship) . 2—25774

Spalding, John Lancaster. Socialism and labor and other arguments, social, political, and patriotic . . . 3 p. l., 225 p. 18^{cm}. Chicago, A. C. McClurg & co., 1902.

27. LEGISLATION AND LAWS.

Connecticut—Supreme court. The general statutes of Connecticut; revision of 1902, in force July first, 1902... Pub. by authority of the state. 1505 p. 26cm. Hartford, The Case, Lockwood & Brainard company, 1902.

. . . The federal reporter. v. 1–117. Cases argued and determined in the circuit courts of appeals and circuit and district courts of the United States. Permanent ed. [quarterly] Mar. 1880–Nov. 1902. $22\frac{1}{2}$ cm. St. Paul, West publishing co., 1880–1902. (The national reporter system. United States series)

v. 1-46, title reads: The federal reporter . . . Cases argued and determined in the circuit and district courts of the United States . . .

Hawaii—Legislature. Laws of the territory of Hawaii, session of 1901. 111 p. $22\frac{1}{2}$ ^{cm}. [Honolulu? 1901?]

Lebbin, Georg., ed. . . . Die reichsgesetzgebung über den verkehr mit nahrungsmitteln, genussmitteln und gebrauchsgegenständen. Mit anmerkungen und sachregister . . . xxiii, 256 p. 13^{cm}. Berlin, J. Guttentag, 1900. (Guttentag'sche sammlung deutscher reichsgesetze. nr. 54)

Mallory, John A. comp. Compiled statutes of the United States, 1901; embracing the statutes of the United States of a general and permanent nature in force March 4, 1901, incorporating under the headings of the revised statutes the subsequent laws, together with explanatory and historical notes; comp. by John A. Mallory . . . 3 v. $26\frac{1}{2}$ cm. St. Paul, West publishing co., 1902. 2—29412

Minnesota—*Legislature*. General laws of the state of Minnesota passed during the extra session of the state legislature . . . 1902. v, 250, [1] p. 22½^{em}. St. Paul, McGill-Warner co., 1902.

New York (*state*)—*Library*. . . . Bulletin, legislation 18; comparative summary and index of legislation 1902, Oct. 1, 1901, to Oct. 1, 1902 . . . $22\frac{1}{2}$ cm. Albany, University of the state of New York, 1903.

North Carolina—Supreme court. North Carolina reports. v. 131. Cases argued and determined in the Supreme court of North Carolina. August term, 1902 . . . 23½cm. Raleigh, Edwards & Broughton, state printers, 1902.

Ohio—Agriculture, State board of. The farmers' handbook containing laws of Ohio relating to agriculture and of use and interest to all country residents. Compiled from the latest edition of the revised statutes of Ohio and the session laws of 1902. By the secretary of agriculture. 304 p. 24cm. Columbus, O., F. J. Heer, state printer, 1902.

Agr 3—267

Oregon—Legislative assembly. The codes and statutes of Oregon, showing all laws of a general nature, including the session laws of 1901, comp. and annotated by Hon. Charles B. Bellinger . . . and William W. Cotton . . . Pub. by authority of an act approved Feb. 25, 1901. 2 v. 26^{cm}. San Francisco, Bancroft-Whitney company, 1902.

Porto Rico—Legislative assembly. Revised statutes and codes of Porto Rico, containing all laws passed at the first and second sessions of the Legislative assembly, in effect after July first, nineteen hundred and two, including the Political code, the Penal code, the Code of criminal procedure, the Civil code. Published by authority of the Legislative assembly. 4 p. l., xlv p., 1 l., 1183, 264 p. 24cm. San Juan, Porto Rico, Boletín mercantil press [1902]

Rohrscheidt, Kurt von, ed. Das fleischbeschaugesetz vom 3. juni, 1900 . . . 2 p. l., 96 p. 15½cm. Leipzig, C. L. Hirschfeld, 1900.

U. S.—Supreme court. A complete indexed digest of the United States Supreme court reports from the organization of the court in 1789 to October term, 1894. Three volumes. (4th ed., vols. I and II) 1-118, U. S. (vol. 3, complete in itself,)

119–154, U. S. Includes full index to editorial notes to the publishers' edition. Also indexed citations of all cases digested and biographical sketches of the justices . . . Prepared and published by the Lawyers' co-operative publishing co. 3 v. 25cm. Rochester, N. Y., Lawyers' co-operative publishing co., 1895–97.

Dates of publication: v. 1-2, 1897; v. 3, 1895.

28. STATISTICS AND COMMERCE.

Algeria—Douanes, Direction des. . . . Documents statistiques . . . sur le commerce de l'Algérie. année 1901–1902, 1. semestre. tab. 26_2^{1cm} . Alger, Impr. orientale P. Fontana, 1902.

Algeria—Government. . . . Statistique générale de l'Algérie, années 1897-1900. tab. 27-31cm. Alger, Giralt, imprimeur-photograveur [etc.] 1900-02.

Argentine Republic—Oficina demográfica nacional. Diccionario demográfico argentino; oficinas de registro de estado civil, puntos poblados, estaciones de ferrocarriles, puertos, oficinas de correos y telégrafos. 77, 1 p. tab. 36cm. Buenos Aires, Taller tipográfico de la penitenciaría nacional, 1902.

Austria—Government. . . . Vergleich des zolltarifgesetze twurfes mit dem geltenden zolltarifgesetze. [193]–533 p. tab. $28\frac{1}{2}$ cm. n. p. [19—]

Austria—K. K. Ackerbau-ministerium. Ernteergebnis der wichtigsten körnerfrüchte im jahre 1902 . . . tab. 26cm. Wien, A. Hölder, 1903.

Separat-abdruck aus der "Statistischen monatschrift."

Austria—K. K. Ackerbau-ministerium. Statistisches jahrbuch . . . für 1901. 2. hft., 2. lfg. tab. 23^{cm}. Wien, K. K. Hof- und staatsdruckerei, 1902. CONTENTS.—2. hft. Der bergwerksbetrieb Österreichs im jahre 1901.

Austria—K. K. Statistische central-commission. Oesterreichische statistik. LXI. bd., LXII. bd., 3. hft., LXVII. bd., 1. hft. tab. 35cm. Wien, Aus der K.-K. Hof- und staatsdruckerei, 1902.

Azambuja, Graciano A. de, *comp.* Annuario do estado do Rio Grande do Sul para o anno de 1903 . . . anno xix. illus., pl. (partly fold.) tab. 18^{cm}. Porto Alegre, Krahe & c^{ia}, 1902.

Belgium—Finances et des travaux publics, Ministère des. Tarif officiel des douanes de Belgique, publié . . . en exécution de la loi du 21 mars 1846 et approuvé par arrêté royal du 10 octobre 1900. 4 p. l., 715 p. tab. $31\frac{1}{2}^{\text{cm}}$. Bruxelles, A. Lesigne, 1900.

— Premier supplément, approuvé par arrêté ministériel du 31 juillet . . . 1902. 3 p. l., 114 p. tab. 31^{cm}. Bruxelles, A. Lesigne, 1902. Agr 3—318-9

Boston—Commerce, Chamber of. Seventeenth annual report... for the year ending December 31, 1902. Containing the charter, by-laws, and trade rules of the association, together with tables of statistics and a list of members... tab. 23cm. Boston, The Cushman press, 1903.

Brazil—*Relações exteriores*, *Ministerio das*. Relatorios consulares, série annual 1900–1901, n. 15–21 . . . tab. $23\frac{1}{2}-24\frac{1}{2}$ cm. [Rio de Janeiro, Imprensa nacional, 1902]

Bulgaria—Statistique, Direction de la Mouvement de la population pendant l'année 1900. 2. ptie. Naissances, décès et mariages par arrondissements et départements. tab. $30\frac{1}{2}$ cm. Sofia, Impr. de l'état, 1902.

In Bulgarian and French.

California—Controller. . . . Biennial report of the state controller for the 52d fiscal year, ending June 30, 1901, and the 53d fiscal year, ending June 30, 1902 . . . fold. tab. 23½cm. Sacramento, A. J. Johnston, superintendent state printing, 1902.

Chile—*Estadística, Oficina central de.* . . . Sinópsis estadística i jeográfica de la República de Chile en 1901. pl., tab. 26cm. Santiago de Chile, Imprenta universitaria, de S. A. García Valenzuela, 1902.

Colorado—Labor statistics, Bureau of. 8th biennial report . . . 1901–1902. tab. (partly fold.) 23½cm. Denver, The Smith-Brooks printing co., state printers, 1902.

Connecticut—*Bank commissioners.* . . . Report . . . to the governor, December 31, 1902 . . . tab. (partly fold.) 23^{cm}. [Hartford] Hartford press, 1902.

Connecticut—Railroad commissioners. . . . 50th annual report, 1902 . . . fold. col. maps, tab. 23^{cm}. [Hartford] Hartford press, 1902.

Finland—Government. . . . Finlands handel och sjöfart på Ryssland och utrikes orter samt uppbörden vid tullverket, år 1901. tab. 26cm. Helsingfors, Kejserliga senatens tryckerei, 1902. (Bidrag till Finlands officiela statistik, 1–21)

France—Douanes, Direction générale des. . . . Tableau général du commerce et de la navigation, année 1901, 2. vol. . . . tab. $36\frac{1}{2}$ cm. Paris, Impr. nationale, 1902. Contents.—v. 2. Navigation.

French, H. A. Needs and commerce of the Sacramento River; a memorial submitted to the committee on rivers and harbors, House of representatives, U. S.; prepared by H. A. French under authority of the Chamber of commerce, Sacramento, Cal. . . . 47 p. incl. illus., pl., map. Sacramento, J. M. Anderson, printer, 1901.

Agr 3—569

Germany—Innern, Reichsamt des. Der deutsche allgemeine und vertrags-zolltarif... 45 p. tab. $27\frac{1}{2}$ cm. Berlin, E. S. Mittler und sohn, 1901. Agr 3—498

Germany—*Reichsschatzamt*. Zolltarifgesetz vom 25. dezember 1902, nebst zugehörigem zolltarif. Mit einem inhaltsverzeichniss des zolltarifs und einem alphabetischen verzeichniss der im zolltarif aufgeführten waaren . . . 244 p. tab. $21\frac{1}{2}$ cm. Berlin, K. v. Decker, 1902.

Great Britain—Agriculture, Board of. . . . Agricultural returns, 1902. (Produce of crops) Tables showing the total produce and yield per acre of the principal crops in each county of Great Britain with summaries for the United Kingdom. tab. 24^{1}_{2} cm. London, Printed for H. M. Stationery off., 1903.

Hamburg, Handelskammer zu. Jahresbericht . . . über das jahr 1902. $23\frac{1}{2}$ cm. Hamburg, Ackermann & Wulff nachfl. [1903]

Hamburg—Steuer-deputation—Statistisches bureau. Statistik des hamburgischen staates . . . hft. 21, 1. hälfte. tab. 30^{cm}. Hamburg, O. Meissner, 1902. Contents.—Die volkszählung vom 1. December, 1900.

Héraux, Auguste A., *ed*. République d'Haïti. Lois et tarifs relatifs aux douanes de la république; recueil contenant toutes les lois constituant la législation douanière de la république . . . 152 p. 24^{cm}. Port-au-Prince, A. A. Héraux, 1896.

— Supplément au recueil des lois et tarifs relatifs aux douanes de la république . . . 1 p. l., ii, 41 p. $21\frac{1}{2}$ Port-au-Prince (Haíti) A. A. Héraux, 1902.

Agr 3-320-

Hungary—*Königl. ungar. handelsministerium.* . . . Jelentése, 1901 . . . 30^{1}_{2} m. Budapest, 1902.

. . . The **imperial** tariff for 1903. Containing the laws and regulations governing the importation and warehousing, as well as the exportation or transshipment of all kinds of merchandise. By T. E. O'Reilly . . . 36th year of publication. $16\frac{1}{2}$ cm. London, Eyre and Spottiswoode [n. d.]

At head of title. "The merchant and traders' year book.

India—Bengal—Land records and agriculture, Department of. . . . Agricultural statistics of the lower provinces of Bengal for 1901–1902, tab. 33½cm. Calcutta, Printed at the Secretariat press, 1902.

India—United provinces of Agra and Oudh—Land records and agriculture, Department of. Annual report on the inland trade . . . for the year ending 31st March, 1902. tab. $33\frac{1}{2}^{cm}$. Allahabad, Printed at the United provinces of Agra and Oudh government press, 1902.

Ireland—Agriculture and technical instruction, Department of. . . . Agricultural statistics, Ireland, 1902. Tables showing the extent in statute acres and the produce of the crops . . . tab., diagr. $24\frac{1}{2}$ cm. Dublin, H. M. Stationery off., 1902.

Japan—Statistique générale, Bureau de la. [Annuaire statistique de l'empire du Japan, 1901. année 21] $25\frac{1}{2}$ cm. [Tokio, 1902] In Japanese.

Japan—Statistique générale, Bureau de la. . . . Mouvement de la population de l'empire du Japon. 32^e année de Meiji—1899. (Tableaux) tab. 34^{cm}. Tokio, 1902.

In Japanese and French.

London county council. . . . Annual report of the proceedings of the council for the year ended 31st March, 1902. 285 p. 33cm. [London] J. Truscott & son, ltd., printers [1902]

London county council—Statistical department. Statistical abstract for London, 1901-02. v. 4-5. tab. $24\frac{1}{2}$ cm. [London] 1901-02.

Maine—Industrial and labor statistics, Bureau of. 16th annual report . . . 1902. illus., tab. 23cm. Augusta, Kennebec journal print, 1903.

The merchants' magazine and commercial review [monthly] v. 34-35, 44; Jan.-Dec., 1856, Jan.-June, 1861. port. $22\frac{1}{2}$ cm. New York, W. B. Dana, 1856-61.

v. 34-35, title reads: Hunt's merchants' magazine.

v. 34-35, conducted by Freeman Hunt.

v. 44, edited by I. Smith Homans and William B. Dana.

v. 34-35 has imprint: New York, Published at 142 Fulton-street, 1856.

Mexico—Fomento, colonización é industria, Secretaría de—Estadística, Dirección general de. Censo y división territorial del estado de Hidalgo, verificados en 1900. tab. 30^{cm}. México, Oficina tip. de la Secretaría de fomento, 1902.

Mexico—Fomento, colonización é industria, Secretaría de—Estadística, Dirección general de. . . . Importación y exportación de la república Mexicana, año de 1901. tab., fold. diagr. 31°m. México, Oficina tipográfica de la Secretaría de fomento, 1902.

Michigan—Auditor-general. Annual report . . . for the fiscal year ending June 30, 1902 . . . tab. (partly fold.) $23\frac{1}{2}$ cm. Lansing, R. Smith printing co., state printers and binders, 1902.

Michigan—Secretary of state. Twenty-fourth annual report . . . relating to farms and farm products . . . 1901/02. tab. 23½cm. Lansing, Mich., R. Smith printing co., state printers and binders, 1903.

Minnesota—Auditor of state. Report... for the fiscal years ending July 31, 1901, and July 31, 1902... tab. 23½cm. St. Paul, The Pioneer press company, state printers, 1903.

Nebraska—Labor and industrial statistics, Bureau of. 8th biennial report . . . 1901/02. tab. $22\frac{1}{2}$ cm. Lincoln, Nebraska, 1902.

Nevada—Secretary of state. . . . Biennial report of the Secretary of state; offices, Secretary of state, Clerk of the Supreme court, State librarian . . . 1901-1902 . . . tab. 23cm. Carson City, State printing office, 1903.

New Zealand—Registrar-general. Report on the results of a census of the colony of New Zealand taken for the night of the 31st March, 1901... vii, 163 p. tab. (partly fold.) 28^{cm}. Wellington, John Mackay, government printer, 1902.

Norway—*Statistisk central-bureau*. Statistisk aarbog for kongeriget Norge. 22. aargang, 1902 . . . 5 pl. (partly col.) tab. $25\frac{1}{2}$ cm. Kristiania, I kommission hos H. Aschehoug & co., 1902.

Ontario—Industries, Bureau of. Annual report . . . 1900-1901 . . . tab. 24½cm. Toronto, L. K. Cameron, printer to the King's Most Excellent Majesty, 1901-02.

Peru—Government. . . . Arancel de aforos del Peru. Bienio 1901–1902. tab. $33\frac{1}{2}$ em. Lima, G. Stolte, 1900.

Preussische central-genossenschafts-kasse—Statistische abtheilung. . . . Mittheilungen zur deutschen genossenschaftsstatistik für 1900. Bearb. von Dr. A. Petersilie . . . tab. 32^{cm}. Berlin [Buchdruckerei W. Koebke] 1902.

Sonderabdruck aus der "Zeitschrift des Königlich preussischen statistischen bureaus", jahrg, 1902.

Prussia—Königliches statistisches bureau. Preussische statistik . . . 142, 11. th., 168, 11. th., 175, 176, 111. th., 177, 111. th. tab. 33^{cm}. Berlin, Verlag des Königlichen statistischen bureaus, 1902.

Royal statistical society, London. Jubilee volume of the Statistical society. xv, [2], 372 p. diagr. (partly fold.) 22^{cm}. London, E. Stanford, 1885. Agr 3-447

St. Louis. Merchants' exchange. Annual statement of the trade and commerce of Saint Louis, for the year 1902... tab., fold. diagr. 23cm. St. Louis, Press of R. P. Studley & co., 1903.

San Francisco—Commerce, Chamber of. Fifty-third annual report... submitted to a meeting held January 20th, 1903... tab. 22^{cm}. San Francisco, J. Partridge, printer, 1903.

The South African year-book, 1902–1903. 1st year of issue. illus., maps (1 fold) tab. $22\frac{1}{2}$ em. London [1902]

South Australia—Census, Superintendent of. . . . Census of 1901. pt. IV-VI. tab. $34\frac{1}{2}$ cm. [Adelaide, 1902]

South Australia—Statistician. . . . Agricultural and live stock statistics for the year ending March 31st, 1902; with prefatory report. tab. 34cm. Adelaide, C. E. Bristow, government printer, 1902.

South Australia—Statistician. . . . Statistical register. 1901 . . . tab. $32\frac{1}{2}$ ^{cm}. Adelaide, C. E. Bristow, government printer, 1902.

Uruguay—Estadistica, Dirección general de. Anuario estadístico de la república oriental del Uruguay . . . 1901. libro xvII. exxxvi, 880 p. incl. tab. pl., port., map, diagr. 28½cm. Montevideo, Imprenta á vapor "La nación", 1902.

Uruguay—Registro del estado civil, Dirección general del. . . . El movimiento del estado civil y la mortalidad de la república oriental del Uruguay . . . 1901 . . . 45 p. incl. tab. (partly fold.) 28½cm. Montevideo, Imprenta "Rural", 1902.

Victoria—Statist. . . . Australasian statistics for the year 1900 . . . tab. (partly fold.) 33cm. Adelaide, C. E. Bristow, government printer, 1902.

29. ROADS AND ENGINEERING.

Bagot, Alan. The principles of civil engineering as applied to agriculture and estate management . . . xi, 276 p. tab., diagr. $19\frac{1}{2}$ cm. London, Paul, Trench & co., 1885.

Baker, Ira Osborn. A treatise on roads and pavements . . . 1st ed. 1st thousand. viii, 655 p. illus., diagr. 23½cm. New York, J. Wiley & sons; London, Chapman & Hall, limited, 1903.

Canadian society of civil engineers. . . . Index of Transactions, vols. I-XIV. cover-title, [11] p. 22cm. [Montreal? 1901?]

Chicago—Public works, Department of. Mayor's annual message and the 26th annual report of the Department of public works . . . for the fiscal year ending December 31, 1901. front., pl., fold. map, tab., fold. diagr. (partly col.) 24cm. [Chicago, P. F. Pettibone & co., printers, 1902]

Law, Henry. The construction of roads and streets; by Henry Law and D. K. Clark . . . 6th ed. rev. with additional chapters by A. J. Wallis-Tayler . . . xvi, 472 p. illus., plan, tab., diagr. 17_2^{1} cm. London, C. Lockwood and son, 1901. (Weale's scientific and technical series)

Maudslay, Athol. Highways and horses . . . xxxii, 471 p. front., pl., port. $23\frac{1}{2}$ ^{cm}. London, Chapman and Hall, limited, 1888. 2—27507

Meyer, Eugen. Die hauptprüfung von spirituslokomobilen, 1902 . . . 3 p. l., 55 p. illus. $24\frac{1}{2}$ Eerlin, Deutsche landwirtschafts-gesellschaft, 1903. (Arbeiten der Deutschen landwirtschafts-gesellschaft. hft. 78)

New Jersey—Public roads, Commissioner of. 9th annual report . . . for the year ending October 31st, 1902. front., pl., fold. map. 23^{cm}. Trenton, The J. L. Murphy pub. co., printers, 1902.

Queensland—*Hydraulic engineer*. . . . 18th annual report of the hydraulic engineer on water supply . . . [1901/02] fold. map, col. tab., fold. diagr. 34^{cm}. [Brisbane, G. A. Vaughan, government printer] 1902.

Royal Indian engineering college, *Cooper's Hill.* . . . Calendar for 1902–1903. Containing a syllabus of the courses of study . . . tab. $21\frac{1}{2}$ cm. London, Harrison and sons, 1903.

Victoria—Mines and water supply, Department of. . . . Annual report . . . during the year 1901 . . . pl. (partly fold. and col.) tab. $33\frac{1}{2}$ cm. Melbourne, R. S. Brain, government printer, 1902.

30. EDUCATION (NOT AGRICULTURAL).

Barcelona. Real academia de ciencias y artes. . . . Nómina del personal académico. Año académico de 1902 á 1903 . . . $15\frac{1}{2}$ cm. Barcelona, A. López Robert, impresor [1902]

Bristol, Eng. University college. . . . Meeting of the governors and report of council for the session 1901–2. $21\frac{1}{2}$ cm. [Bristol, J. W. Arrowsmith, printer, 1902]

Colorado—University. Catalogue, 1902–1903, with announcements for 1903–1904. pl., map. 19cm. Boulder, 1903.

Columbia university, N. Y. . . . Catalogue, 1902–1903. front. (plan.) 23cm. [New York, Pub. by the Columbia university, 1902]

Czernowitz, K. K. Franz-Josefs-universität zu. Die feierliche inauguration des rectors . . . für das studienjahr 1896/97–1899/1900 am 4. October 1896–1899. 22½–24°m. Czernowitz, K. K. universität, 1896–99.

1896/97 title reads: Die feierliche inauguration der akademischen behörden . . .

Czernowitz, K. K. Franz-Josefs-universität zu. Verzeichnis der öffentlichen vorlesungen . . . im sommersemester 1899 . . . tab. $21\frac{1}{2}$ cm. Czernowitz, Verlag des akademischen senates [1899]

Hampton normal and agricultural institute, *Hampton*, *Va.* 35th annual catalogue . . . for the academic year 1902–1903. front., illus. 23cm. [Hampton] Hampton institute press, 1903.

New York (State)—University—Home education department. . . . Bulletin 39 . . . report of extension teaching 1900 . . . tab. $24\frac{1}{2}$ cm. Albany, University of the state of New York, 1903.

Ohio—University. . . . 32d annual report . . . for the year ending June 30, 1902 pt. 2. 24^{cm}. Columbus, Pub. by the University, 1902.

Pennsylvania—State college. [Catalogue] 1901–1902, forty-third year. 21^{cu}. State college, 1901.

Rutgers scientific school. 36th annual report . . . for the fiscal year ending October 31, 1900. illus. 23cm. Trenton, N. J., The J. L. Murphy pub. co., printers, 1901.

Simmons female college, *Boston.* . . . Programme for 1902–1903. 24 p. plan. $20\frac{1}{2}$ cm. Boston, G. H. Ellis co., printers, 1902.

Toulouse, Université de. . . . Annuaire pour l'année 1901/02-02/03. $15\frac{1}{2}-17\frac{1}{2}$ cm. Toulouse, E. Privat, 1901-02.

Toulouse Université de. . . . Rapport annuel du conseil de l'Université (13 décembre 1901); comptes rendus des travaux des facultés et rapports sur les concours lus au conseil de l'Université (29 novembre 1901) 25cm. Toulouse, E. Privat, 1901.

Wellesley college. . . . Calendar, 1902–1903. 19½cm. Boston, Press of Frank Wood [1902]

Wisconsin—*University*. General catalogue of the officers and graduates of the University of Wisconsin, 1849–1902; comp. for the university by David B. Frankenburger. 374 p., 1 l. 22^{cm}. [Madison, Printed by the Madison press] 1902. 3—4865

Yale university. Catalogue . . . 1902–1903. front. (fold. map) 21^{cm}. New Haven, The Tuttle, Morehouse & Taylor company, 1902.

Yorkshire college, *Leeds.* . . . 28th annual report, 1901–2. tab. $21\frac{1}{2}$ cm. Leeds, Printed by McCorquodale & co., limited, 1902.

31. GEOGRAPHY, DESCRIPTION, AND TRAVEL.

Chisholm, George G. . . . Europe. v. 2. front., illus., col. maps, (partly fold.) $20^{\rm cm}$. London, E. Stanford, 1902. (Stanford's compendium of geography and travel. (new issue))

CONTENTS.—The northwest.

Costa Rica. Revista de Costa Rica en el siglo xIX. v. 1. illus., port., pl., tab. 30^{cm}. San José de Costa Rica, Tipografia nacional, 1902.

"Bibliografia: obras publicadas en el extranjero acerca de la republica de Costa Rica durante el siglo XIX . . . por Pablo Biolley'': p. [363]-404.

Cronise, Titus Fey. The agricultural and other resources of California . . . 80 p. front., pl., map. $23\frac{1}{2}$ cm. San Francisco, A. R. Roman & co.; Troy, N. Y., Brainerd & Waite, 1870.

Distant, William Lucas. A naturalist in the Transvaal . . . xvi, 277 p. incl. illus., pl. front., v pl. (partly col.) 23cm. London, R. H. Porter, 1892. Agr 3—419

"Appendix. Enumeration, and description of the anthropological and zoological objects collected by the author": p. [149]-262.

The **empire** of Brazil at the Universal exhibition of 1876 in Philadelphia. vi, [1], 494 p. $23\frac{1}{2}$ cm. Rio de Janeiro, Typographia e lithographia do Imperial instituto artistico, 1876.

Fallot, Ernest. . . . Comment la Tunisie colonise . . . 19 p. 24°^m. Paris, De Soye et fils, imprimeurs, 1902.

Agr 3—80
Extrait du Correspondant.

Fallot, Ernest. La situation économique de la Tunisie . . . cover-title, 20 p. 1 fold. diagr. 24^{cm}. Marseille, Secrétariat de la Société [de géographie de Marseille] 1899.

Agr 3—81

"Extrait du Compte-rendu des travaux du Congrès national des sociétés françaises de géographie.— Marseille, 1898."

Fernald, B. M. Maine canning industry. By Hon. B. M. Fernald . . . Maine as a vacation state. By Hon. Leroy T. Carleton . . . Maine primitive and modern industry. By Hon. J. W. Penney . . . Three able addresses delivered before the State board of trade at Bangor, Maine, March 25th, 1902 . . . 34 p. 23cm. Portland, Me., Marks printing house, 1902.

Garfielde, Selucius. The north-west coast: a lecture delivered in Lincoln hall, Washington city, on Monday, November 15th, 1869 . . . cover-title, 26 p. 23½cm. Washington, J. L. Pearson, 1869.

Guppy, Henry Brougham. The Solomon Islands and their natives . . . xvi, 384 p. front. (map) pl. 25½cm. London, S. Sonnenschein, Lowrey & co., 1887.

Agr 3-436

"List of plants collected in the islands of Bougainville Straits, Solomon group, during 1884"; p. 294-305.

Hittel, John S. The resources of California, comprising the society, climate, salubrity, scenery, commerce, and industry of the state. xxix p., 1 l., 443 p. 20½ cm. San Francisco, A. Roman & company; New York, W. J. Widdleton, 1874.

Holt, O. H., comp. Dakota. 90 p. illus., fold. map. 22^{cm}. Chicago, Rand, McNally & co., 1885.

Hulbert, Archer Butler. Historic highways of America. v. 1–4. illus., pl., maps. 19½cm. Cleveland, Ohio, The A. H. Clark company, 1902–03.

Contents.—v. 1. Paths of the mound-building Indians and great game animals.—v. 2. Indian thoroughfares.—v. 3. Washington's road (Nemacolin's path) the first chapter of the old French war.—v. 4. Braddock's road and three relative papers.

Hutchinson, C. C. Resources of Kansas. Fifteen years experience . . . 288 p. front., illus., 1 fold. map. 18^{cm}. Topeka, Kansas, The author, 1871.

Millet, René. I a colonisation française en Tunisie; conférence faite à Châlonssur-Marne et à Reims les 21 et 22 octobre 1899 . . . 46, [2] p. 24½ m. Tunis, Impr. rapide (L. Nicolas, directeur) 1899.

Map on 2d page of cover.

"Bibliographie sommaire de la Tunisie": 2 p. at end.

Missouri—Immigration, State board of: The agricultural, manufacturing, commercial and geographical center of the Mississippi Valley, Missouri, the imperial state, its wealth and resources. 1880 . . . cover-title, 48 p. fold. map. 21cm. St. Louis, A. McKinley; [etc., etc.] 1880.

Rey, R. Voyage d'études en Tunisie (10-28 avril 1900) . . . 139 p., 1 l. incl. front. (map) illus. $22\frac{1}{2}$ cm. Paris, Librairie C. Delagrave [1900]

Agr 3-85

"Bibliographie sommaire de la Tunisie": p. [7]-8.

Scott, Andrew J. Agricultural survey of Ashland county . . . 18 p. incl. map. 23½cm. Columbus, Nevins & Myers, state printers, 1871.

Agr 3—444

Swan, A. M. Swan's counties of north-west Missouri. Holt county, its soil, climate and the advantages it offers to immigration . . . cover-title, 40 p. 22^{cm}. St. Joseph, Mo., Printed at the Herald book and job printing office, 1869. Agr 3—445

Truman, Benjamin Cummings. Homes and happiness in the golden state of California . . . 2d ed. 63, [1] p. incl. illus. 25^{cm}. San Francisco, H. S. Crocker & co., 1884.

Victoria, Australia—Commissioners for the Philadelphia exhibition. . . . Official catalogue of exhibits, essays, etc. . . . viii, 255 p. 21½cm. Melbourne, Printed for the commissioners, by M'Carson, Bird & co., 1876.

Agr 3—448

Vitry, Alexis, L'œuvre française en Tunisie . . . Précédé d'une préface de E.-E. Théodule. 1 p. l., viii p., 1 l., 208 p., 2 l. pl., 1 port. 25^{cm}. Compiègne, Impr. E. Levéziel, 1900.

Wilson, William Duane. A description of Iowa and its resources: in which every county in the state has separate mention, with valuable tables in regard to agriculture, education, religious denominations, railroads, manufactories, stage routes, &c. . . . v, [7]-148, [2] p. front. (map) pl. 18½cm. Des Moines, Ia., Mills & company, 1865.

Agr 3-446

32. GENERAL SERIAL PUBLICATIONS.

American association for the advancement of science. Constitution, list of meetings, officers, committees and members . . . 51st meeting held at Pittsburg, Pa. June-July, 1902. 23½cm. [Washington] Pub. by the permanent secretary, 1902.

Amsterdam, K. Akademie van wetenschappen te. Jaarboek . . . 1901. 26½cm. Amsterdam, J. Müller, 1902.

Amsterdam, K. Akademie van wetenschappen te. . . . Proceedings of the section of sciences. v. 4. illus., pl. (partly fold.) diagr. (partly fold.) $26\frac{1}{2}$ cm. Amsterdam, Johannes Müller, 1902.

"Translated from: Verslagen van de gewone vergaderingen der wis- en natuurkundige afdeeling van 25 Mei 1901 tot 19 April 1902. dl. X."

Amsterdam, K. Akademie van wetenschappen te. Verhandelingen, 1. sectie. deel 8, no. 1–2. $26\frac{1}{2}$ cm. Amsterdam, J. Müller, 1901–02.

Amsterdam, K. Akademie van wetenschappen te. . . . Verslag van de gewone vergaderingen der wis- en natuurkundige afdeeling van 25 Mei 1901 tot 19 April 1902. deel x. 2 p. l., 896, xxiii p. illus., pl. (partly fold.) diagr. (partly fold.) 26½°m. Amsterdam, Johannes Müller, 1902.

Annales de géographie [bi-monthly] v. 11; Jan. 15, 1902-Nov. 15, 1902. illus., pl., maps. 8°. Paris [1902]

Australian museum, Sydney. . . . Report of the trustees for the year 1901 . . . 33cm. [Sydney, W. A. Gullick, government printer, 1902]

Bristol [*Eng.*] museum and reference library. . . . Report of the museum committee for the year ending 30th September, 1902 . . . front., pl., map. $21\frac{1}{2}$ cm. [Bristol] 1902.

Brooklyn institute of arts and sciences. The 14th year book . . . 1901–1902 . . . front., pl., port. 19½ cm. Brooklyn, Pub. by the Institute, 1902.

Buenos Aires, Museo nacional de. Anales . . . tomo 8 (ser. 3, t. 1, entrega 1) illus. $27\frac{1}{2}$ cm. Buenos Aires, Imprenta de J. A. Alsina, 1902.

California—*University*. Biennial report of the president . . . on behalf of the regents . . . 1900–1902. tab. (partly fold.) 1 fold. diagr. 22^{cm}. Berkeley, The University press, 1902.

Congrès international des œuvres et institutions féminines, 2d, Paris, 1900. . . . Compte rendu des travaux, par Madame Pégard . . . v. 1, 4. illus. 25^{cm}. Paris, Impr. typographique C. Blot, 1902.

Danske (Kongelig) videnskabernes selskab. . . . Skrifter; naturvidenskabelig og mathematisk afdeling. 6. række, afd. xi, 4; afd. xii, 2. 8 pl. (partly col.) map. 26½cm. Kjøbenhavn [A. F. Høst & søn, Kgl. hof-boghandel] 1902.

CONTENTS.—afd. XI, 4. Molluskerne i Danmarks kridtaffejringer. II. Scaphopoder, gastropoder og cephalopoder, af J. P. J. Ravn.—afd. XII, 2. The Danish expedition to Siam 1899-1900; I. Gasteropoda opisthobranchiata, by Dr. R. Bergh.

Franklin institute of the state of Pennsylvania for the promotion of mechanic arts. The Franklin journal, and American mechanics' magazine; devoted to the useful arts, internal improvements, and general science. Under the patronage of the Franklin institute of the state of Pennsylvania. Ed. by Dr. Thomas P. Jones. v. 1–4; Jan., 1826–Dec., 1827. illus., pl. (partly fold.) tab. (partly fold.) 22^{cm} . Philadelphia, J. Dobson, 1826-27.

Forms the 1st series of the Journal of the Franklin institute. Completes the library set.

Fridericiana. Grossherzoglich badische technische hochschule zu Karlsruhe. Programm für das studienjahr 1902/1903. 26cm. Karlsruhe, Buchdruckerei von Malsch & Vogel, 1902.

Iowa academy of sciences. Proceedings . . . for 1895–96, 98–1901. v. III–1v, vI–IX. illus., pl. (partly fold.) port., maps (partly fold.) diagr. $22\frac{1}{2}$ – 25^{cm} . Des Moines, Pub. by the state, 1896–1902.

- "Additions to the bibliography of North American lichens" [by Bruce Fink]: vol. 6, p. 165-173.
- "Bibliography" [of the genus salix in Iowa, by Carleton R. Ball]: vol, 7, p. 153-154.
- "Bibliography pertaining to Iowa species" [of thistles, by L. H. Pammel]: vol. 8, p. 239.

Liverpool, Literary and philosophical society of. Proceedings . . . during the 91st session, 1901–1902. no. Lvi. map. 21½cm. London, Longmans, Green & co. [etc., etc.] 1902.

London. Society instituted at London for the encouragement of arts, manufactures and commerce. Transactions, 1831/32-1843/44. v. 49-55. illus., pl. $21\frac{1}{2}$ cm. London, 1832-45.

Lübeck, Geographische gesellschaft in. Mitteilungen der Geographischen gesellschaft und des Naturhistorischen museums in Lübeck . . . 2. reihe, hft. 16. pl. (partly fold.) maps (partly fold.) 26^{cm}. Lübeck, Lübeke & Nöhring, 1902.

Milwaukee—Public museum. 19th and 20th annual reports . . . Sept. 1st, 1900—Aug. 31st, 1902 . . . front., pl. 23cm. Milwaukee, Press of L. Breithaupt printing co., 1902.

Musée du Congo, Brussels. . . . Notes analytiques sur les collections ethnographiques du Musée du Congo . . . tome 1, fasc. 1. illus., pl. i-xxi. 39°m. Bruxelles, En vente chez Spineux et c°, 1902. (Annales du Musée du Congo pub. par ordre du Secrétaire d'état. Ethnographie et anthropologie. sér. 111)

Museum Francisco-Carolinum, *Linz*, *Austria*. 60. jahres-bericht . . . nebst der 54. lieferung der Beiträge zur landeskunde von Oesterreich ob der Enns. 25^{cm}. Linz, Verlag des Vereines museum Francisco-Carolinum, 1902.

La nature, revue des sciences et de leurs applications aux arts et à l'industrie, journal hebdomadaire illustré. 3. année, 1. semestre; 8. année, 1. semestre. [Dec. 5, 1874-May 29, 1875; Dec. 6, 1879-May 29, 1880] illus. 30°^m. Paris, G. Masson [1875-1880]

Norske (Kongelige) videnskabers selskab. . . . Skrifter, 1901. pl. 23½cm. Trondhjem, Aktietrykkeriet i Trondhjem, 1902.

Litteraturverzeichnis [Schlund und magen der vögel]: p. 232-234.

Palermo, Reale accademia di scienze, lettere e belle arti di. Atti . . . 3. ser. (anno 1900-1901) v. vi. illus., tab. $32\frac{1}{2}$ cm. Palermo, Tipografia F. Barravecchia e figlio, 1902.

Revue générale des sciences pures et appliquées [semi-monthly] année 1-12; 15 Jan., 1890-30 Dec., 1901. illus. 30^{cm}. Paris, 1890-[1901]

Royal society of New South Wales. Journal and proceedings . . . for 1901 . . . v. xxxv. illus., pl., maps (partly fold.) tab., diagr. (partly fold.) 23cm. Sydney, Pub. by the Society, 1901.

"A tentative bibliography of Australian vegetable exudations," by J. H. Maiden: p. 204-212.

Upsala, Sweden. **Universitet.** . . . Årsskrift . . . Matematik och naturvetenskap. 1861; 1863-64; 1865 [no.] 1, 2; 1866-69 [no.] 2; 1872 [no.] 2, 3; 1874 [no.] 1, 3; 1875 [no.] 2, 3, 5; 1876 [no.] 1, 2; 1883 [no.] 1, 2; 1889 [no.] 1; 1893 [no.] 1; 1896 [no.] 1, 2; 1897 [no.] 1, 2. 25°^m. Upsala, Akademiska bokhandeln (C. J. Lundström) [n. d.]

33. BIOGRAPHY.

Hansen, Kristian. Statskonsulent P. Nielsen . . . 1 p. l., 31 p. 21½cm. Kjøbenhavn, Trykt hos Nielsen & Lydiche, 1899.

Særtyrk at "Tidsskrift for landøkonomi."

"P. Nielsens skriftlige arbejder": p. 27-31.

Munro, John. . . . Lord Kelvin, G. C. V. O. . . . 128 p. front. (port.) 12½cm. London, H. J. Drane, 1902. (Bijou biographies, no. ix) 2—24019

34. REFERENCE BOOKS, BIBLIOGRAPHY, AND LIBRARY ECONOMY.

Almanach de Gotha. Annuaire généalogique, diplomatique et statistique. 140. année; 1903. front., port. 15cm. Gotha, J. Perthes [1903]

American book-prices current; a record of books, manuscripts, and autographs sold at auction in New York, Boston, and Philadelphia, from September 1, 1901, to September 1, 1902, with the prices realized. Compiled from the auctioneers' catalogues by Luther S. Livingston. v. 8. xvii, 662 p. $22\frac{1}{2}$ cm. New York, Dodd, Mead and company, 1902.

Boston—*Public library*. Annual list of new and important books added to the public library . . . Selected from the monthly bulletins, 1901–1902. 25cm. Boston, Pub. by the trustees, 1903.

Boyd's directory of the District of Columbia, 1903. Together with a compendium of its governments, institutions and trades, to which is added a complete business, street, and congressional directory . . . $24\frac{1}{2}$ washington, D. C., W. H. Boyd, 1903.

Buffalo, N. Y.—Public library. 6th annual report . . . 1902. tab. $22\frac{1}{2}$ ^{cm}. Buffalo, Printed for the library, 1903.

Bullinger, Edwin Wilson, *comp*. Bullinger's postal and shippers' guide for the United States and Canada . . . Ed. of January, 1903 . . . 936 p. $25\frac{1}{2}$ cm. New York, E. W. Bullinger [1903]

Dr. ph. J. Hanamann's publicationen. 9 p. 23cm. Aussig, Selbstverlag, Druck von R. Becker [1902]

Harvard university—Library. 5th report of William Coolidge Lane . . . 1902, tab. 23cm. n. p. [1902?]

Reprinted from the Report of the president of Harvard university for 1901-02.

Illinois—University—State library school . . . Circular of information, 1903/04. 19^{cm}. [Urbana? 1903] (University of Illinois publications. new ser. vol., II, no. 2)

Institut international de bibliographie. . . . Annuaire . . . pour l'année 1902. illus. $24\frac{1}{2}$ ^{cm}. Bruxelles [etc] Institut international de bibliographie, 1902. (Institut international de bibliographie. Publication no. 59)

Instruktionen für die alphabetischen kataloge der preussischen bibliotheken, und für den preussischen gesamtkatalog. Vom 10. Mai 1899. 163 p. forms. $27\frac{1}{2}$ cm. Berlin, A. Asher & co., 1899.

"Schema zur transskription fremder schriftarten": p. 50-55.

[&]quot;Abkurzungen bibliographisch-technischer ausdrücke": p. 56-59.

International catalogue of scientific literature, published for the International council by the Royal society of London. 1st annual issue. F. Meteorology, including terrestrial magnetism. $21\frac{1}{2}$ cm. London, Harrison and sons, 1902.

— Q. Physiology including experimental psychology, pharmacology, and experimental pathology. pt. 1. $21\frac{1}{2}$ cm. London, Harrison and sons, 1902.

— R. Bacteriology. $21\frac{1}{2}$ cm. London, Harrison and sons, 1902.

The John Crerar Library, *Chicago*. . . . A list of bibliographies of special subjects. July, 1902. 504 p. 27^{cm}. Chicago, Printed by order of the Board of directors, 1902.

Milwaukee—*Public library*. 25th annual report . . . October 1, 1902. tab. 21½cm. Milwaukee, Board of trustees, 1902.

The new international encyclopædia. Editors Daniel Coit Gilman . . . Harry Thurston Peck . . . Frank Moore Colby . . . v. V-VII. illus., pl. (partly col.) port., maps (partly col.) tab. 25^{cm}. New York, Dodd, Mead and Company, 1903.

New Jersey—State librarian. Annual report . . . for the year ending October 31st, 1902. 23cm. Trenton, The J. L. Murphy pub. co., printers, 1902.

New York (State)—Library. . . . Bulletin . . . library school 14; 16th annual report of New York state library school, 1902. 25cm. Albany, University of the state of New York, 1903.

New York world. The world almanac and encyclopedia, 1903. map. 19cm. New York, Press publishing co., New York world, 1903.

Newberry library, *Chicago*. Report of the trustees . . . for the year 1902. front. 23^{cm}. Chicago, 1903.

Nova Scotian institute of science, *Halifax*, N. S. The proceedings and transactions . . . v. 10, pt. 3 (ser. 2, v. 3, pt. 3), session of 1900–1901. front. (port.), ii–vii pl. incl. plans, diagr. 21½ cm. Halifax, Printed for the Institute by the McAlpine pub. co., ltd., 1902.

Ottawa literary and scientific society. Transactions . . . no. 3; 1901/02. 23½cm. Ottawa, Press of the Standard printing co., 1902.

Paris, Bibliothèque nationale. . . . Catalogue général des livres imprimés . . . tome 8-11. 25^{cm}. Paris, Impr. nationale, 1901-02.

CONTENTS.—Barrucand-Bertezène.

Peabody institute, Baltimore, Md. Second catalogue of the library of the Peabody institute of the city of Baltimore, including the additions made since 1882. Pt. v-vi. 27½cm. Baltimore, 1901-02.

CONTENTS .- Pt. v, L-M.-Pt. vi, N-R.

Polk's flour mill, grain, and bakers' directory of the United States and Canada... 2d ed. 23½cm. Chicago, Baltimore [etc.] R. L. Polk & co., 1903.

Poor, Henry V., ed. Poor's manual of the railroads of the United States, street railway and traction companies, industrial and other corporations and statements of the debts of the United States, the several states, municipalities, etc. H. V. & H.W. Poor . . . 35th annual. maps (partly col.) 23cm. New York, American bank note company; London, E. Wilson [1902]

Post's paper mill directory for 1903; containing a complete list of the paper, pulp, and chemical fibre mills of the United States and Canada, together with classified lists of mills by goods made; also a comprehensive list of the paper, pulp and board mills in all foreign countries . . . 23½ m. New York, L. D. Post, 1903.

Providence athenæum. 67th annual report of the Board of directors... to the corporation, submitted September 22, 1902. $23\frac{1}{2}$ cm. [Providence] The Providence press, 1902.

Royal Asiatic society—Straits branch. Journal . . . no. 35-38; Jan., 1901—July, 1902. 24½ cm. Singapore, Printed at the American mission press, 1901-02.

Royal geographical society of Australasia—South Australian branch. Proceedings . . . session 1901-1902. v. V . . . 18 pl. incl. port., fold. map. $21\frac{1}{2}$ cm. Adelaide, Vardon & Pritchard, printers, 1902.

Salem, Mass.—Public library. 14th report of the trustees . . . December, 1902. 22½cm. Salem, Newcomb & Gauss, printers, 1903.

South Australia—Public library, museum and art gallery, Board of governors of... Report... for 1901-2. 33^{cm}. Adelaide, C. E. Bristow, government printer, 1902.

Sperlings zeitschriften-adressbuch; adressbuch der hervorragenden politischen tagesblätter Deutschlands, Oesterreichs und der Schweiz. Hand- und jahrbuch der deutschen presse... hrsg. von H. O. Sperling. 41. jahrg.; 1902. 23½cm. Stuttgart, Verlag von H. O. Sperling, 1902.

Tovey's official brewers' and maltsters' directory of the United States and Canada. 1903. A supplement to the Brewers' journal . . . 14cm. New York, Pub. by the Brewers' journal [1903]

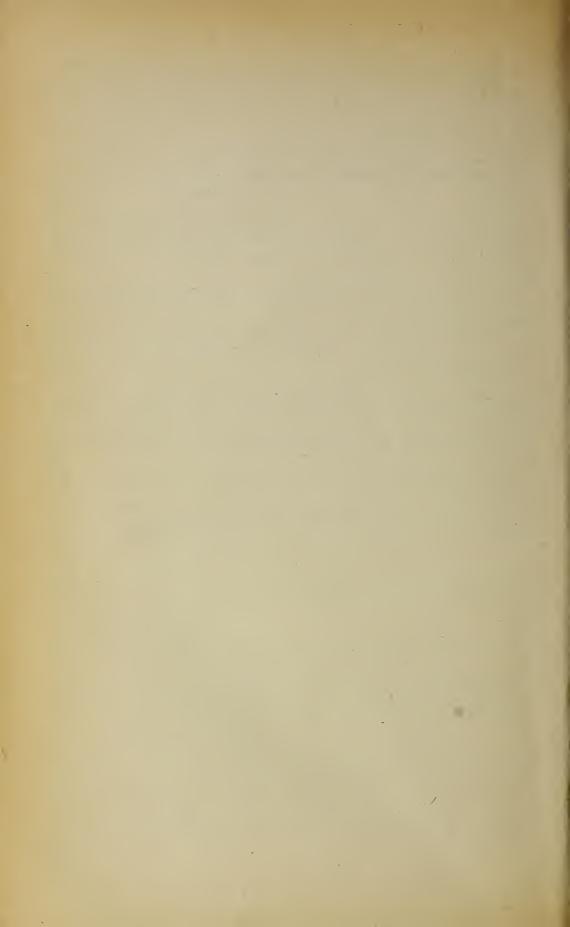
. . . United States catalog; ed. by Marion E. Potter, B. L. 2d ed. [Author part, H-Z] 2 v. 417-1130 p. $25\frac{1}{2}$ cm. Minneapolis, H. W. Wilson, publisher, 1902. Paged continuously.

At head of title: Provisional edition.

Whitaker, Joseph. An almanack for the year of our Lord 1903... containing an account of the astronomical and other phenomena; a large amount of information respecting the government, finances, population, commerce and general statistics of the British Empire throughout the world, with some notice of other countries, &c., &c. 792 p. 19cm. London [1902]

Who's who, 1903; an annual biographical dictionary, 55th year of issue. $18\frac{1}{2}$ cm. London, A. & C. Black, 1903.

Wisconsin free library commission. 4th biennial report . . . 1901–1902 . . . front., pl. 22½cm. Madison Democrat printing company, state printer, 1902.



- No. 42. Catalogue of the publications relating to botany in the library of the U. S. Department of Agriculture. 1902.
 - 43. Accessions to the Department Library; April-June, 1902.
 - 44. Accessions to the Department Library, July-September, 1902.
 - 45. Accessions to the Department Library, October-December, 1902.

INDEX CARDS TO PUBLICATIONS OF THE U. S. DEPARTMENT OF AGRICULTURE.

- Issue 1. Cards no. 1-142, indexing Yearbook, 1894-1898. Reprint, 1902.
 - 2. Cards no. 143-245, indexing Farmers' Bulletins 1-100.
 - 3. Cards no. 246-403, indexing Yearbook, 1899; Farmers' Bulletins 101-118.
 - 4. Cards no. 404-644, indexing Farmers' Bulletins, 119-128;

Division of Accounts [special reports], 1894–1898;

Division of Soils, Bulletins 1–16, Circulars 1–7;

Division of Agrostology, Bulletins 1-24, Circulars 1-3, 5-29;

Division of Botany, Bulletins 1-24, Circulars 1-29;

Contributions from the National Herbarium, v. 1–5.

- 5. Cards no. 645-743, indexing Yearbook, 1900; Farmers' Bulletins 129-135, 137-141.
- 6. Cards no. 744-846, indexing Yearbook, 1901; Farmers' Bulletins 136, 142-158.

